



No. 35

28 AUGUST 2004



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Geospatial-Intelligence Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nga.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nga.mil](mailto:NavNotices@nga.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nga.mil](mailto:SDPUBS@nga.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nga.mil](mailto:webmaster_nss@nga.mil).

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo: LCVP**-Officially designated as a Landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the LCVP was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 LCVPs during the course of the war. This landing craft was important not only to the Normandy landings on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The LCVP could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and return to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 35/04

# HYDROGRAM

**National Geospatial-Intelligence Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
NEW PRODUCTS  
OR SERVICES  
IMPORTANT  
CHANGES

**28 August 2004**

## **UNITED STATES OF AMERICA NOTICE TO MARINERS VIA E-MAIL**

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) NOW PROVIDES A SUBSCRIPTION SERVICE PERMITTING CUSTOMERS TO RECEIVE THE NOTICE TO MARINERS WEEKLY VIA E-MAIL. SEE SECTION III.

## **UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION**

THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA) IS TRANSITIONING FROM PRODUCING AND DISTRIBUTING HARD COPY NAUTICAL SAFETY PRODUCTS TO DIGITAL DISSEMINATION. EFFECTIVE WITH US NOTICE TO MARINERS NUMBER 1, 2005, NGA WILL NO LONGER DISTRIBUTE HARD COPY VERSIONS OF THE WEEKLY NOTICE TO MARINERS AND WILL MAKE THEM AVAILABLE FREE OF CHARGE VIA THE INTERNET. SEE SECTION III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NGA List of Lights.

**Section II-5** lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 35/04**

<b>301</b> (INT 301) 1Ed. 3/2/85 LAST NM 24/03 Delete R Bn at light (Ital LL)	35/04 40°32'N 14°11'E	Add Danger circle "Obstn" [K40] (PA) 29°07.9'N 94°32.9'W Submerged well (cov 180ft) [L20] marked by buoy W Or, Q (Priv) 28°16.2'N 93°29.7'W
<b>302</b> (INT 302) 1Ed. 5/7/83 LAST NM 2/03 Delete R Bn at light (Ital LL)	35/04 40°32'N 14°11'E	Platform [L10] (24, 25/04 CG8) 28°51.9'N 93°18.9'W
<b>310</b> 20Ed. 12/29/79 LAST NM 6/04 Delete R Bn at light (Ital LL)	35/04 40°32'N 14°12'E	<b>★11332</b> 29Ed. 4/04 LAST NM 27/04 Add Platform [L10] (25/04 CG8) 29°19'20"N 93°41'11"W
<b>501</b> (INT 801) 12Ed. 11/02 LAST NM 19/04 Relocate Superbuoy ODAS "46002" from 42°31'N 130°19'W to (27/04 CG13)	35/04 42°35'N 130°22'W	<b>★11340</b> 68Ed. 6/03 LAST NM 34/04 Delete Platform 28°25.0'N 92°45.5'W Change Legend to "Obstn Fish Haven (auth min 14fms)" 28°04.6'N 93°30.5'W Add Danger circle "Obstn" [K40] (PA) 29°07.9'N 94°32.9'W Submerged well (cov 30fms) [L20] marked by buoy W Or, Q (Priv) 28°16.2'N 93°29.7'W Platform [L10] 28°51.9'N 93°18.9'W Submerged well (cov 31fms) [L20] 28°23.0'N 91°57.4'W Submerged well (cov 31fms) [L20] marked by buoy W Or, Q (Priv) 28°18.5'N 91°26.6'W Submarine pipeline [L40.1] between 27°57.4'N 91°21.5'W 27°55.4'N 91°19.5'W (NOS; 24, 25/04 CG8)
<b>520</b> 127Ed. 8/22/81 LAST NM 27/04 Add Superbuoy ODAS [Q58] "46002" Y, Fl(4) Y 20s (27/04 CG13)	35/04 42°35'N 130°22'W	
<b>1115A</b> Ed. 10/02 LAST NM 25/04 Add Danger circle "Obstn Rep (2004)" [K40]	35/04 30°18.9'N 86°27.3'W	
	Platform [L10] (24, 25/04 CG8)	29°27.8'N 88°32.3'W
<b>1116A</b> Ed. 6/03 LAST NM 34/04 Delete Platform 28°25.0'N 92°45.5'W Change Legend to "Obstn Fish Haven (auth min 14fms)" 28°04.6'N 93°30.5'W Add Danger circle "Obstn" [K40] (PA) 29°07.9'N 94°32.9'W Submerged well (cov 30fms) [L20] marked by buoy W Or, Q (Priv) 28°16.2'N 93°29.7'W Platform [L10] 28°51.9'N 93°18.9'W Submerged well (cov 31fms) [L20] 28°23.0'N 91°57.4'W Submerged well (cov 31fms) [L20] marked by buoy W Or, Q (Priv) 28°18.5'N 91°26.6'W Submarine pipeline [L40.1] between 27°57.4'N 91°21.5'W 27°55.4'N 91°19.5'W (NOS; 24, 25/04 CG8)	35/04 28°04.6'N 93°30.5'W 29°07.9'N 94°32.9'W 28°16.2'N 93°29.7'W 28°51.9'N 93°18.9'W 28°23.0'N 91°57.4'W 28°18.5'N 91°26.6'W 27°57.4'N 91°21.5'W 27°55.4'N 91°19.5'W	<b>11341</b> 40Ed. 3/04 LAST NM 27/04 Add Platform [L10] (25/04 CG8) 29°19'20"N 93°41'11"W
<b>★11344</b> 35Ed. 12/02 LAST NM 34/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	35/04	<b>★11347</b> 33Ed. 7/02 LAST NM 25/04 <b>(Side A)</b> Add Tabulation of controlling depths from Subsection I-2 <b>(Side B)</b> Add Tabulation of controlling depths from Subsection I-2 (NOS)
<b>★11349</b> 41Ed. 3/04 LAST NM 33/04 Delete Platform (24/04 CG8)	35/04 28°18.8'N 95°22.3'W	<b>★11349</b> 41Ed. 3/04 LAST NM 33/04 Delete Platform (24/04 CG8) 29°16'39"N 91°53'18"W
<b>11300</b> 39Ed. 4/03 LAST NM 34/04 Delete Platform 28°18.8'N 95°22.3'W (Supersedes 34/04-11300)	35/04 28°18.8'N 95°22.3'W	<b>11352</b> 37Ed. 12/03 LAST NM 25/04 Add Position circle "Tr" [E20] 29°12.4'N 90°03.0'W Position circle "Tr" [E20] 29°12.3'N 90°02.7'W (NOS)
Add Danger circle "Obstn" [K40] (PA) 29°07.9'N 94°32.9'W (24, 25/04 CG8)	29°07.9'N 94°32.9'W	<b>★11356</b> 35Ed. 7/03 LAST NM 33/04 Add Platform [L10] (25/04 CG8) 28°46'08"N 91°01'17"W
<b>★11321</b> 29Ed. 12/15/01 LAST NM 33/04 Delete Platform 28°35'59"N 95°25'36"W Delete Platform 28°32'42"N 95°22'54"W Add Platform [L10] 28°35'31"N 95°19'27"W (NOS)	35/04 28°35'59"N 95°25'36"W 28°32'42"N 95°22'54"W 28°35'31"N 95°19'27"W	<b>★11358</b> 52Ed. 6/03 LAST NM 33/04 Substitute Platform [L10] for submerged well (cov 108ft) 29°00'26"N 89°38'08"W (Supersedes 33/04-11358) Add Position circle "Tr" [E20] 29°12'21"N 90°02'59"W Position circle "Tr" [E20] 29°12'15"N 90°02'43"W (NOS; 25/04 CG8)
<b>★11323</b> 60Ed. 9/03 LAST NM 26/04 Add Danger circle "Obstn" [K40] (PA) 29°07'53"N 94°32'56"W (24/04 CG8)	35/04 29°07'53"N 94°32'56"W	<b>11360</b> 40Ed. 10/02 LAST NM 25/04 Add Danger circle "Obstn Rep (2004)" [K40] 30°18.9'N 86°27.3'W Platform [L10] (24, 25/04 CG8) 29°27.8'N 88°32.3'W
<b>★11330</b> 15Ed. 10/03 LAST NM 34/04 Delete Platform 28°18.8'N 95°22.3'W Delete Platform 28°25.0'N 92°45.5'W (See 34/04-11330)	35/04 28°18.8'N 95°22.3'W 28°25.0'N 92°45.5'W	

## SECTION I

<b>11362</b>	4Ed. 6/10/00 LAST NM N25/04 Add Danger circle "Obstn Rep (2004)" [K40]	N35/04 30°18.9'N 86°27.3'W	<b>★12207</b>	21Ed. 3/04 LAST NM 18/04 Delete Depth 47 feet	35/04 36°55'14"N 75°57'32"W
	Platform [L10] (24, 25/04 CG8)	29°27.8'N 88°32.3'W	Add Depth 43 feet Obstn [K41]	36°55'11"N 75°57'31"W	
<b>★11363</b>	39Ed. 9/03 LAST NM 34/04 Delete Platform (See 26/04-11363) (24/04 CG8)	35/04 29°37'48"N 88°54'44"W	(NOS) Depth 60 feet	36°55'41"N 75°56'53"W	
<b>11365</b>	17Ed. 10/02 LAST NM 25/04 <b>(Side A)</b> Add Position circle "Tr" [E20] Position circle "Tr" [E20] (NOS)	35/04 29°12'21"N 90°02'59"W 29°12'15"N 90°02'43"W	<b>★12221</b>	75Ed. 9/03 LAST NM 28/04 Delete Depth 62 feet	35/04 36°56'11"N 75°58'44"W
<b>★11366</b>	8Ed. 10/03 LAST NM 32/04 Add Platform [L10] (25/04 CG8)	35/04 29°27.8'N 88°32.3'W	Depth 30 feet	37°14'22"N 76°25'47"W	
<b>★11370</b>	24Ed. 7/03 LAST NM 34/04 <b>(Side A)</b> Change Visibility (range) of light "138" to 5M (25/04 CG8)	35/04 30°03'04.1"N 90°32'35.5"W	Depth 46 feet	37°14'10"N 76°25'14"W	
<b>★11376</b>	49Ed. 9/03 LAST NM 23/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	35/04	Depth 65 feet	36°56'14"N 75°57'38"W	
<b>★11377</b>	5Ed. 6/03 LAST NM 23/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	35/04	<b>Substitute</b> Depth 46 feet for 50 feet	36°56'04"N 75°59'13"W	
<b>★11388</b>	17Ed. 2/04 LAST NM 20/04 Add Danger circle "Obstn Rep (2004)" [K40] (24/04 CG8)	35/04 30°18'55"N 86°27'18"W	Depth 34 feet for 36 feet	37°13'48"N 76°20'21"W	
<b>11389</b>	32Ed. 10/13/01 LAST NM 34/04 Add Light Fl Light 2 Fl Light 2 Fl Light Fl Legend "(Priv Its)" (24/04 CG8)	35/04 30°07'34"N 85°37'14"W 30°07'39"N 85°37'07"W 30°07'45"N 85°36'59"W 30°07'50"N 85°36'56"W 30°07'30"N 85°36'54"W	Depth 10 feet Obstn [K41] for 9 feet Obstn	37°14'16"N 76°22'48"W	
<b>11390</b>	23Ed. 2/04 LAST NM 34/04 <b>(Side A)</b> Add Light Fl 2.5s (Priv) Light 2 Fl 2.5s (Priv) Light 2 Fl 2.5s (Priv) Light Fl 2.5s (Priv) (24/04 CG8)	35/04 30°07'33.8"N 85°37'14.0"W 30°07'38.9"N 85°37'07.3"W 30°07'44.9"N 85°36'59.5"W 30°07'49.6"N 85°36'56.4"W	<b>★12238</b>	38Ed. 11/03 LAST NM 28/04 Delete Depth 39 feet	35/04 37°13'58"N 76°20'28"W
<b>★11391</b>	23Ed. 10/03 LAST NM 34/04 Add Light Fl 2.5s (Priv) Light 2 Fl 2.5s (Priv) Light 2 Fl 2.5s (Priv) Light Fl 2.5s (Priv) (24/04 CG8)	35/04 30°07'33.8"N 85°37'14.0"W 30°07'38.9"N 85°37'07.3"W 30°07'44.9"N 85°36'59.5"W 30°07'49.6"N 85°36'56.4"W	Depth 36 feet	37°13'48"N 76°20'23"W	
<b>★12205</b>	28Ed. 8/03 LAST NM 11/04 <b>(Page A)</b> Delete Depth 62 feet Depth 47 feet Depth 65 feet  Substitute Depth 46 feet for 50 feet  Add Depth 59 feet Obstn [K41] Depth 43 feet Obstn [K41] Depth 59 feet Depth 60 feet Depth 59 feet (NOS)	35/04 36°56'11"N 75°58'44"W 36°55'14"N 75°57'32"W 36°56'14"N 75°57'38"W  36°56'04"N 75°59'13"W  36°56'10"N 75°57'45"W 36°55'11"N 75°57'31"W 36°56'17"N 75°58'43"W 36°56'11"N 75°58'23"W 36°56'47"N 76°00'53"W	<b>★12241</b>	21Ed. 1/5/02 LAST NM 2/04 Delete Depth 39 feet	35/04 37°13'54.4"N 76°20'18.6"W
			Depth 36 feet	37°13'48.3"N 76°20'22.6"W	
			Depth 38 feet	37°14'07.7"N 76°21'15.0"W	
			<b>Substitute</b> Depth 10 feet Obstn [K41] for 9 feet Obstn	37°14'16.3"N 76°22'47.8"W	
			Depth 39 feet for 30 feet	37°14'21.3"N 76°25'47.4"W	
			Depth 37 feet for 39 feet	37°13'58.5"N 76°20'27.7"W	
			Depth 36 feet for 39 feet	37°14'01.6"N 76°20'39.9"W	

(continued on next page)

## SECTION I

NM 35/04

		Change	
<b>12241</b>	(Continued)		
Add	Depth 49 feet Obstn [K41]	37°14'03.0"N 76°26'21.2"W	
	Depth 34 feet Obstn [K41]	37°14'11.5"N 76°28'49.1"W	
	Depth 37 feet Obstn [K41]	37°14'08.7"N 76°30'05.4"W	
	Depth 47 feet Wk [K26]	37°14'13.7"N 76°25'16.6"W	
	Depth 36 feet	37°13'56.0"N 76°20'18.3"W	
	Depth 34 feet	37°13'47.5"N 76°20'20.9"W	
	Depth 36 feet	37°14'06.6"N 76°21'13.0"W	
	Obstruction ("Fish trap") [K44.2] bound by existing 11 foot Obstn and dotted line joining	37°14'12.8"N 76°23'38.8"W 37°14'12.8"N 76°23'20.6"W 37°14'01.7"N 76°23'20.6"W 37°14'01.7"N 76°23'38.8"W	
	and delete depths and contours within above area		
(NOS)			
<b>12243</b>	13Ed. 2/24/01 LAST NM 20/04	35/04	
Add (NOS)	Depth 37 feet Obstn [K41]	37°14'08.7"N 76°30'05.4"W	
<b>★12254</b>	44Ed. 2/04 LAST NM 16/04	35/04	
Delete	Depth 48 feet	36°58'33.3"N 76°06'42.4"W	
	Depth 64 feet	36°56'49.3"N 76°00'55.8"W	
Add (NOS)	Depth 44 feet Obstn [K41]	36°58'33.9"N 76°06'44.5"W	
	Depth 59 feet	36°56'46.9"N 76°00'53.3"W	
	Depth 63 feet	36°56'55.5"N 76°01'09.6"W	
<b>12256</b>	14Ed. 10/03 LAST NM 12/04	34/04	
Delete	Depth 48 feet	36°58'33.3"N 76°06'42.4"W	
Add (NOS)	Depth 44 feet Obstn [K41]	36°58'33.9"N 76°06'44.5"W	
<b>12280</b>	4Ed. 10/03 LAST NM 28/04	35/04	
Add (NOS)	Depth 59 feet Obstn [K41]	36°56.2'N 75°57.8'W	
	Depth 43 feet Obstn [K41]	36°55.2'N 75°57.5'W	
	Depth 44 feet Obstn [K41]	36°58.6'N 76°06.8'W	
<b>★12352</b>	30Ed. 9/03 LAST NM 26/04 <b>(Page G)</b>	35/04	
Relocate (29/04 CG1)	Light from 40°34'22.6"N 73°34'32.1"W to 40°34'23.6"N 73°34'32.4"W		
<b>★13246</b>	37Ed. 6/03 LAST NM 42/03 <b>(29/04 CG1)</b>	35/04	
Delete	Buoy "S2"	42°09'38"N 70°38'36"W	
<b>13263</b>	7Ed. 4/24/99 LAST NM N34/04 <b>(29/04 CG1)</b>	N35/04	
Delete	Buoy "S2"	42°09.7'N 70°38.6'W	
<b>13267</b>	31Ed. 10/03 LAST NM 23/04 <b>(29/04 CG1)</b>	35/04	
Delete	Buoy "S2"	42°09'39"N 70°38'36"W	
<b>★13312</b>	21Ed. 1/03 LAST NM 34/04	35/04	
Delete	Dashed line (recommended route) between 44°14'55"N 67°56'18"W 44°18'36"N 68°05'12"W		
	Dashed line (recommended route) between 44°09'36"N 68°08'13"W 44°17'13"N 68°07'50"W		
	Note: Legends remain		
<b>★13313</b>	19Ed. 8/28/93 LAST NM 34/04	35/04	
Delete	Dashed line and legend "RECOMMENDED...B" between		
	44°09'48"N 68°08'12"W 44°13'07"N 68°08'02"W		
	Note B in right upper margin of chart		
Add	Green-tint line (recommended route) 400 yards wide on centerline joining	44°03'12"N 68°08'36"W 44°14'29"N 68°07'58"W	
	Legend "RECOMMENDED ROUTE" (see note B)"	44°07'33"N 68°08'15"W	
	Note in upper right margin of chart		
	"Note B		
	RECOMMENDED VESSEL ROUTE		
	Deep draft vessels entering and departing Frenchman Bay and Bar Harbor are requested to remain within the Recommended Vessel Route. Two-way traffic is possible within all parts of the green-tinted areas. Other vessels, while not excluded, should exercise caution in these areas and monitor VHF channel 16 or 13 for information concerning vessels transiting these areas. See U.S. Coast Pilot 1, Chapter 6."		
<b>★13324</b>	14Ed. 11/03 LAST NM 34/04	35/04	
Delete	Dashed line (recommended route) between		
	44°18'05"N 68°03'58"W 44°14'59"N 67°56'33"W		
	Note: Legend remains		
Change	Note to		
	"Note B		
	RECOMMENDED VESSEL ROUTE		
	Deep draft vessels entering and departing Frenchman Bay and Bar Harbor are requested to remain within the Recommended Vessel Route. Two-way traffic is possible within all parts of the green-tinted areas. Other vessels, while not excluded, should exercise caution in these areas and monitor VHF channel 16 or 13 for information concerning vessels transiting these areas. See U.S. Coast Pilot 1, Chapter 6."		
	44°37'30"N 67°47'40"W		

(continued on next page)

## SECTION I

<b>13324</b>	(Continued)					
Add	Green-tint line (recommended route) wide on centerline between (NOS)	400 yards	44°18'05"N 44°15'01"N	68°03'58"W 67°56'31"W		
<b>14820</b>	20Ed. 1/04 LAST NM 24/04 Change Characteristic of light to Q (30/04 CG9)	35/04	41°32.9'N	81°45.0'W		
<b>★14826</b>	27Ed. 11/02 LAST NM 30/04 Change Characteristic of light to Q (30/04 CG9)	35/04	41°32'54"N	81°45'00"W		
<b>14829</b>	6Ed. 12/03 LAST NM 32/04 Change Characteristic of light to Q (30/04 CG9)	35/04	41°32'54"N	81°45'00"W		
<b>17005</b>	10Ed. 5/27/95 LAST NM 31/04 Change Period of buoy "JA" to 2.5s (29/04 CG13)	35/04	48°29.6'N	124°43.6'W		
<b>17550</b>	4Ed. 12/3/94 LAST NM 31/04 Change Period of buoy "JA" to 2.5s (29/04 CG13)	35/04	48°29.6'N	124°43.6'W		
<b>18003</b>	19Ed. 3/03 LAST NM 30/04 Add Buoy "RN" Y, Fl Y 4s (Priv) Buoy "RC" Y, Fl Y 4s (Priv) Buoy "RN" Y, Fl Y 4s (Priv) (27/04 CG13)	35/04	46°26.3'N 46°10.0'N 46°03.2'N	124°18.1'W 124°11.7'W 124°06.0'W		
<b>★18007</b>	31Ed. 3/31/01 LAST NM 33/04 Relocate Superbuoy ODAS "46002" from 42°31.2'N 130°19.2'W to (27/04 CG13)	35/04	42°34.6'N	130°21.6'W		
<b>18008</b>	7Ed. 10/12/96 LAST NM N33/04 Relocate Superbuoy ODAS "46002" from 42°31.2'N 130°19.2'W to (27/04 CG13)	N35/04	42°34.6'N	130°21.6'W		
<b>18400</b>	44Ed. 8/03 LAST NM 31/04 Change Period of buoy "JA" to 2.5s Add Light 3 Fl Y 4s (Priv) (29/04 CG13)	35/04	48°29.7'N	124°43.6'W		
<b>18412</b>	10Ed. 7/16/88 LAST NM 20/03 (Plan A) Change Visibility (range) of light to 4M (Can LL)	35/04				
<b>18421</b>	46Ed. 10/03 LAST NM 27/04 Add Light 2 Fl Y 4s (Priv) Light Fl Y 4s (Priv) (29/04 CG13)	35/04	48°27'49"N 48°27'43"N	122°58'08"W 122°58'03"W		
<b>18423</b>	34Ed. 12/03 LAST NM 31/04 (Page D) Add Light 2 Fl Y 4s (Priv) Light Fl Y 4s (Priv)	35/04	48°27'49"N 48°27'43"N	122°58'08"W 122°58'03"W		
	(Page D, Inset 8) Add Light 2 Fl Y 4s (Priv) Light Fl Y 4s (Priv) (29/04 CG13)		48°27'49.0"N 48°27'43.0"N	122°58'08.0"W 122°58'03.0"W		
<b>★18434</b>	5Ed. 10/03 LAST NM 17/04 Add Light Fl Y 4s (Priv) Light Fl Y 4s (Priv) Light Fl Y 4s (Priv) (29/04 CG13)	35/04	48°27'49.0"N 48°27'48.0"N 48°27'43.0"N	122°58'08.0"W 122°58'08.0"W 122°58'03.0"W		
<b>18440</b>	27Ed. 11/03 LAST NM 30/04 Relocate Buoy (mooring) "CG" from 47°55.3'N 122°40.5'W to (See 22/04-18440) (27/04 CG13)	35/04	47°55.1'N	122°41.1'W		
<b>18441</b>	43Ed. 7/03 LAST NM 31/04 Relocate Buoy (mooring) "CG" from 47°55'16"N 122°40'31"W to (See 22/04-18441) (27/04 CG13)	35/04	47°55'03"N	122°41'07"W		
<b>18445</b>	30Ed. 11/03 LAST NM 30/04 (Page A) Relocate Buoy (mooring) "CG" from 47°55'16"N 122°40'31"W to (See 22/04-18445) (27/04 CG13)	35/04	47°55'03"N	122°41'07"W		
	(Page B, Inset 6) Change Buoy to "2" R, Fl R 4s (Priv)		47°16'42"N	122°24'57"W		
	(Page C) Change Buoy to "2" R, Fl R 4s (Priv)		47°16'42"N	122°24'58"W		
	(Page D, Inset 1) Relocate Buoy (mooring) "CG" from 47°55'15.6"N 122°40'30.6"W to (27, 29/04 CG13)		47°55'03.0"N	122°41'07.0"W		
<b>18448</b>	33Ed. 9/03 LAST NM 30/04 Change Buoy to "2" R, Fl R 4s (Priv) (29/04 CG13)	35/04	47°16'42"N	122°24'58"W		
<b>★18453</b>	24Ed. 1/03 LAST NM 22/04 Delete Buoy Add Buoy "2" R, Fl R 4s (Priv) (29/04 CG13)	35/04	47°16'41.1'N	122°24'56.2'W		
<b>18460</b>	11Ed. 12/02 LAST NM 31/04 Change Period of buoy "JA" to 2.5s (29/04 CG13)	35/04	48°29'37"N	124°43'37"W		
<b>18465</b>	36Ed. 1/04 LAST NM 33/04 Add Light 3 Fl Y 4s (Priv) (29/04 CG13)	35/04	48°27'47"N	122°58'06"W		
<b>18473</b>	7Ed. 12/02 LAST NM 28/04 Relocate Buoy (mooring) "CG" from 47°55'16"N 122°40'31"W to (See 22/04-18473) (27/04 CG13)	35/04	47°55'03"N	122°41'07"W		
<b>18474</b>	8Ed. 10/03 LAST NM 30/04 Change Buoy to "2" R, Fl R 4s (29/04 CG13)	35/04	47°16'42"N	122°24'57"W		
<b>★18477</b>	5Ed. 8/25/01 LAST NM 28/04 Relocate Buoy (mooring) "CG" from 47°55'15.6"N 122°40'30.6"W to (See 22/04-18477) (27/04 CG13)	35/04	47°55'03.0"N	122°41'07.0"W		
<b>18480</b>	29Ed. 12/02 LAST NM 31/04 Change Period of buoy "JA" to 2.5s (29/04 CG13)	35/04	48°29.6'N	124°43.6'W		
<b>★18485</b>	15Ed. 12/02 LAST NM 31/04 Change Period of buoy "JA" to 2.5s (29/04 CG13)	35/04	48°29'37"N	124°43'38"W		
<b>★18500</b>	29Ed. 3/04 LAST NM 22/04 Add Buoy "RN" Y, Fl Y 4s (Priv) Buoy "RC" Y, Fl Y 4s (Priv) (27/04 CG13)	35/04	46°26.3'N 46°10.0'N	124°18.1'W 124°11.7'W		

## SECTION I

NM 35/04

<b>★18520</b>	24Ed. 4/18/98 LAST NM 22/04 Add Buoy "RC" Y, Fl Y 4s (Priv) Buoy "RN" Y, Fl Y 4s (Priv) (27/04 CG13)	35/04 46°10.0'N 124°11.7'W 46°03.2'N 124°06.0'W	<b>52263</b> 5Ed. 7/29/95 LAST NM 4/04 Change Light to Oc(2) R  <b>(Plan)</b> Change (BA LL) Light to Oc(2) R 6s 11m 7M	35/04 35°56'10.8"N 0°04'27.8"E 35°56'10.8"N 0°04'27.8"E
<b>18521</b>	70Ed. 10/03 LAST NM 31/04 Add Buoy "RC" Y, Fl Y 4s (Priv) (27/04 CG13)	35/04 46°10'01"N 124°11'43"W	<b>52282</b> 10Ed. 1/27/96 LAST NM 35/97 Change Height of light to 9m (BA LL)	35/04 35°42'33.1"N 0°39'07.1"W
<b>★19480</b>	7Ed. 10/21/89 LAST NM 6/04 Delete Beacon, rear Beacon, front  Add Range light, rear Iso 6s Range light, front Q Note: Range line unchanged (NTM0002/2004)	35/04 28°14.2'N 177°21.3'W 28°13.9'N 177°21.3'W  28°14.2'N 177°21.3'W 28°13.9'N 177°21.3'W	<b>53011</b> 2Ed. 2/10/01 LAST NM 10/04 Delete R Bn at light (Ital LL)	35/04 40°31.5'N 14°11.5'E
<b>24190</b>	15Ed. 9/16/95 LAST NM 27/01 Add Chartlet, depicting changes in hydrography, topography, and aids to navigation from Subsection I-2 (5/25/04 Rio de Janeiro)	35/04 16°01.0'S 38°55.0'W	<b>53160</b> 14Ed. 6/19/99 LAST NM 6/03 Delete R Bn at light (Ital LL)	35/04 40°32.2'N 14°11.9'E
<b>24200</b>	14Ed. 8/3/96 LAST NM 13/04 Add Light Fl 6s 7m 6M Light Fl 3s 7m 6M (9/46/04 Rio de Janeiro)	35/04 12°59.8'S 38°37.4'W 13°02.6'S 38°40.4'W	<b>53161</b> 8Ed. 3/30/96 LAST NM 18/03 Delete R Bn at light  Change Light to Fl R 5s 10M (Ital LL)	35/04 40°32'12"N 14°11'54"E 40°47'00"N 14°21'42"E
<b>24201</b>	5Ed. 11/2/96 LAST NM 9/04 Add Light Fl 6s 7m 6M (9/46/04 Rio de Janeiro)	35/04 12°59'45.0"S 38°37'21.0"W	<b>53164</b> 9Ed. 11/23/96 LAST NM 51/02 Change Light to Fl(4) 15s 18m 14M  Light to Fl R 3s 15m 4M NAUTO Racon (Ital LL)	35/04 40°49'52.0"N 14°16'30.0"E 40°49'48.5"N 14°16'34.5"E
<b>26224</b>	32Ed. 1/21/95 LAST NM 31/01 Substitute Dangerous wreck [K28] (PA) for stranded wreck (5/31/04 Habana)	35/04 19°59'04.0"N 75°53'15.5"W	<b>53180</b> 10Ed. 1/21/95 LAST NM 11/04 Delete R Bn at light (Ital LL)	35/04 40°32.2'N 14°11.9'E
<b>26229</b>	11Ed. 5/6/95 LAST NM 32/04 Add Stranded wreck [K24] (PA) Stranded wreck [K24] (PA) (5/30/04 Habana)	35/04 19°59'06.0"N 75°07'30.0"W 19°59'22"N 75°07'07"W	<b>54131</b> 2Ed. 2/10/01 LAST NM 12/04 Delete R Bn at light (Ital LL)	35/04 40°32.2'N 14°11.9'E
<b>26230</b>	12Ed. 1/28/95 LAST NM 32/04 Add Stranded wreck [K24] (PA) Stranded wreck [K24] (PA) (5/30/04 Habana)	35/04 19°59'06.0"N 75°07'30.0"W 19°59'22.0"N 75°07'06.5"W	<b>54346</b> 9Ed. 4/3/04 LAST NM 34/04 Change Characteristic of light to 2 FR (vert) (Gr LL)	35/04 37°55'58.0"N 23°32'13.5"E
<b>37461</b>	9Ed. 7/8/00 LAST NM 33/04 <b>(Plan)</b> Delete Light (See 36/03-37461)	35/04 43°20'22.2"N 3°00'50.0"W	<b>54480</b> 8Ed. 9/27/86 LAST NM 30/04 Change Light to Fl(2) 15s 22m 15M  Add "Marine Farm" area bound by dashed line joining (4/15/04 Istanbul)	35/04 35°33.9'N 34°13.0'E 35°25.1'N 34°09.2'E 35°25.1'N 34°10.4'E 35°24.3'N 34°10.4'E 35°24.3'N 34°09.2'E
Change	Light to Fl G 5s 16m 1M Light to Fl(4) G 10s 16m 1M Period of light to 10s  Characteristics of light to Fl(2) G 8s 43°20'14.5"N 3°01'55.0"W  Period of light to 10s 43°20'06.0"N 3°01'46.0"W  Characteristics of light to Fl G 5s 43°20'00.0"N 3°01'46.0"W  Period of light to 10s 43°19'56.8"N 3°01'37.1"W  Characteristics of light to Fl(3) G 10s 43°19'48.5"N 3°01'48.0"W  Light to Fl(2+1) R 10s 13m 1M Characteristic of buoy "C" to Fl(2+1) R 10s 43°19'53.0"N 3°01'25.0"W (Spn LL)	43°20'31.0"N 3°01'57.0"W 43°20'35.5"N 3°01'56.8"W 43°20'22.5"N 3°01'54.0"W  43°20'14.5"N 3°01'55.0"W  43°20'06.0"N 3°01'46.0"W  43°20'00.0"N 3°01'46.0"W  43°19'56.8"N 3°01'37.1"W  43°19'48.5"N 3°01'48.0"W  43°18'38.0"N 2°58'57.0"W 43°19'53.0"N 3°01'25.0"W	<b>62490</b> 2Ed. 3/1/03 LAST NM 31/04 Delete Stranded wreck  Substitute Depth 16 meters Wk for 17.7 meters Wk (30/3390/04 Taunton)	35/04 29°27.0'N 49°00.5"E 29°22.9'N 49°04.6"E
<b>52060</b>	16Ed. 9/26/87 LAST NM 31/04 Change Visibility (range) of light to 26M (BA LL)	35/04 35°43.3'N 1°07.9'W	<b>62530</b> 6Ed. 3/8/03 LAST NM 17/04 Substitute Depth 15.2 meters Well for 7 meters Well (NTM0011/2004)	35/04 26°14.0'N 51°52.5'E
			<b>62540</b> 6Ed. 1/26/02 LAST NM 31/04 Delete Stranded wreck (PA)  Substitute Depth 16 meters Wk for 17.7 meters Wk (30/3390/04 Taunton)	35/04 29°27.0'N 49°00.5"E 29°22.9'N 49°04.6"E
			<b>62541</b> 3Ed. 1/26/02 LAST NM N31/04 Delete Stranded wreck (PA)	N35/04 29°27.0'N 49°00.5"E

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<b>62541</b>	(Continued)						
Substitute	Depth 16 meters Wk for 17.7 meters Wk (30(3390)04 Taunton)	29°22.9'N 49°04.6'E					
<b>62570</b>	4Ed. 1/26/02 LAST NM 31/04	35/04					
Substitute	Depth 16 meters Wk for 17.7 meters Wk (30(3390)04 Taunton)	29°22'54"N 49°04'36"E					
<b>62590</b>	2Ed. 5/29/99 LAST NM 31/04	35/04					
Delete	Stranded wreck (PA) Substitute Depth 16 meters Wk for 17.7 meters Wk (30(3390)04 Taunton)	29°27'00"N 49°00'30"E	29°22'54"N 49°04'36"E				
<b>62591</b>	3Ed. 5/29/99 LAST NM N31/04	N35/04					
Delete	Stranded wreck (PA)	29°27'00"N 49°00'30"E					
Substitute	Depth 16 meters Wk for 17.7 meters Wk (30(3390)04 Taunton)	29°22'54"N 49°04'36"E					
<b>71220</b>	3Ed. 6/22/96 LAST NM 48/01 <b>(Panel A)</b>	35/04					
Add	Dangerous wreck [K28] (PA) (44(328)03 Jakarta)	2°15'31"S 105°16'00"E					
<b>72231</b>	8Ed. 5/9/98 LAST NM 21/03	35/04					
Add	Dangerous wreck [K28] (PA) (4(22)03 Jakarta)	6°52'05"S 112°45'16"E					
<b>73000</b>	9Ed. 2/3/96 LAST NM 10/04	35/04					
Add	Wreck [K29] (44(329)03 Jakarta)	1°20.0'N 126°10.0'E					
<b>73014</b>	10Ed. 4/5/80 LAST NM 10/04	35/04					
Add	Wreck [K29] (44(329)03 Jakarta)	1°20.0'N 126°10.0'E					
<b>73022</b>	4Ed. 11/20/99 LAST NM 10/04	35/04					
Add	Dangerous wreck [K28] (PA) (12(85)04 Jakarta)	2°20.0'S 132°12.1'E					
<b>73470</b>	4Ed. 6/10/78 LAST NM 29/01	35/04					
Add	Dangerous wreck [K28] (PA) (12(85)04 Jakarta)	2°20'00"S 132°12'06"E					
<b>74265</b>	2Ed. 7/12/97 LAST NM 15/04	35/04					
Delete	Dashed line joining	14°56.4'S 145°21.9'E 14°54.8'S 145°21.6'E 14°52.5'S 145°18.5'E					
	Dashed line joining	14°40.9'S 145°24.2'E 14°42.4'S 145°24.1'E 14°53.7'S 145°21.9'E 14°51.9'S 145°19.5'E					
	Dashed line between	14°37.8'S 145°12.5'E 14°34.2'S 144°59.2'E					
Add	Purple dashed line between	14°56.4'S 145°21.9'E 14°52.5'S 145°18.5'E					
	Purple dashed line joining	14°40.9'S 145°24.2'E 14°53.6'S 145°22.7'E 14°49.7'S 145°19.5'E 14°43.4'S 145°15.5'E 14°37.8'S 145°12.5'E					
	Purple dashed line joining	14°51.9'S 145°19.5'E 14°40.5'S 145°12.4'E 14°34.2'S 144°59.2'E					
	Purple open-outlined dashed arrow indicating flow of traffic [M11] oriented 151°-331° with legend "TWO WAY ROUTE (see Note)" centered (11(431)04 Wollongong)	14°46.5'S 145°16.8'E					
	<b>74270</b>	3Ed. 8/5/95 LAST NM 21/04	35/04				
	Delete	Dashed line joining	14°40.9'S 145°24.2'E 14°42.4'S 145°24.1'E 14°52.7'S 145°25.1'E				
		Dashed line between	14°52.7'S 145°25.1'E 14°51.9'S 145°19.5'E				
		Dashed line between	14°37.8'S 145°12.5'E 14°34.2'S 144°59.2'E				
		Dashed line joining	14°32.3'S 144°55.5'E 14°29.0'S 144°49.3'E 14°27.4'S 144°47.3'E				
		Dashed line joining	14°26.9'S 144°48.1'E 14°21.1'S 144°41.5'E 14°19.9'S 144°41.0'E				
		Dashed line joining	13°39.0'S 143°42.5'E 13°28.6'S 143°40.6'E 13°20.8'S 143°40.3'E				
		Dashed line joining	14°03.4'S 144°20.0'E 14°03.0'S 144°19.0'E 14°05.8'S 144°14.5'E				
		Dashed line joining	14°05.5'S 143°57.6'E 14°05.5'S 143°57.3'E 14°03.7'S 143°54.3'E 13°59.1'S 143°50.1'E 13°58.6'S 143°50.0'E 14°05.3'S 143°54.8'E 14°04.8'S 143°52.9'E				
		Dashed line between	14°05.5'S 143°56.6'E 14°03.1'S 143°52.8'E 14°00.0'S 143°50.0'E 13°56.3'S 143°48.8'E 13°48.3'S 143°42.5'E				
		Dashed line joining	13°48.9'S 143°44.2'E 13°46.9'S 143°42.6'E 13°40.2'S 143°42.8'E				
		Dashed line between	14°40.9'S 145°24.2'E 14°52.7'S 145°22.9'E				
		Dashed line joining	14°52.7'S 145°22.1'E 14°49.7'S 145°19.5'E 14°43.4'S 145°15.5'E 14°37.8'S 145°12.5'E				
		Dashed line joining	14°51.9'S 145°19.5'E 14°40.5'S 145°12.4'E 14°34.2'S 144°59.2'E				
		Purple open-outlined dashed arrow indicating flow of traffic [M11] oriented 144°-324° with legend "TWO WAY ROUTE SEE NOTE" centered	14°46.3'S 145°16.7'E				
		Purple dashed line between	14°32.3'S 144°55.5'E 14°27.4'S 144°47.3'E				
		Purple dashed line between	14°26.9'S 144°48.1'E 14°19.9'S 144°41.0'E				
		Purple dashed line joining	13°39.0'S 143°42.5'E 13°35.3'S 143°42.1'E 13°28.6'S 143°40.6'E 13°31.7'S 143°40.7'E 13°20.8'S 143°40.3'E				
		Purple dashed line between	14°03.4'S 144°20.0'E 14°05.8'S 144°14.5'E				
		Purple dashed line joining	14°05.5'S 143°57.6'E 14°03.6'S 143°54.7'E 13°58.6'S 143°50.0'E				
		Purple dashed line joining	14°05.5'S 143°56.6'E 14°03.8'S 143°53.6'E 14°05.3'S 143°54.8'E				
		Purple dashed line joining	14°04.8'S 143°52.9'E 13°58.5'S 143°49.3'E 13°57.3'S 143°49.1'E 13°48.3'S 143°42.5'E				

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## SECTION I

**NM 35/04**

<b>74270</b>	(Continued)				
	Purple dashed line between				
	(11(431, 432), 12(474)04 Wollongong)				
<b>74271</b>	9Ed. 9/6/97 LAST NM 21/04	35/04			
Delete	Dashed line joining				
		14°03'26"S 144°20'24"E 14°02'48"S 144°18'57"E 14°05'37"S 144°14'47"E			
	Dashed line joining				
		14°05'18"S 143°57'38"E 14°05'18"S 143°57'20"E 14°03'28"S 143°54'24"E 13°59'01"S 143°50'09"E 13°58'38"S 143°50'01"E			
	Dashed line between				
		14°05'16"S 143°54'49"E 14°04'43"S 144°52'54"E			
	Dashed line joining				
		14°05'17"S 143°56'41"E 14°02'56"S 143°52'53"E 13°59'54"S 143°50'00"E 13°56'12"S 143°48'51"E 13°48'02"S 143°42'36"E			
	Dashed line joining				
		13°48'52"S 143°44'09"E 13°46'55"S 143°42'36"E 13°40'14"S 143°42'45"E			
	Dashed line joining				
		14°32'17"S 144°55'51"E 14°29'06"S 144°49'38"E 14°27'25"S 144°47'42"E			
	Dashed line joining				
		14°26'51"S 144°48'30"E 14°21'03"S 144°41'39"E 14°19'55"S 144°41'06"E			
	Dashed line between				
		13°39'00"S 143°42'32"E 13°34'55"S 143°41'43"E			
Add	Purple dashed line between				
		14°03'26"S 144°20'24"E 14°05'35"S 144°14'47"E			
	Purple dashed line joining				
		14°05'18"S 143°57'38"E 14°03'33"S 143°54'44"E 13°58'38"S 143°50'01"E			
	Purple dashed line joining				
		14°05'17"S 143°56'41"E 14°03'38"S 143°53'52"E 14°05'16"S 143°54'49"E			
	Purple dashed line joining				
		14°04'43"S 143°52'54"E 13°58'32"S 143°49'20"E 13°57'19"S 143°49'05"E 13°48'02"S 143°42'36"E			
	Purple dashed line between				
		13°48'52"S 143°44'09"E 13°40'14"S 143°42'45"E			
	Purple dashed line between				
		14°32'17"S 144°55'51"E 14°27'25"S 144°47'42"E			
	Purple dashed line between				
		14°26'51"S 144°48'30"E 14°19'55"S 144°41'06"E			
	Purple dashed line joining				
		13°39'00"S 143°42'32"E 13°35'15"S 143°42'06"E 13°34'55"S 143°42'03"E			
	<b>(Plan B)</b>				
Delete	Dashed line between				
		14°04'17"S 144°16'27"E 14°05'33"S 144°14'36"E			
Add	Purple dashed line joining				
		14°05'33"S 144°14'36"E 14°05'33"S 144°14'46"E 14°04'17"S 144°18'09"E			
	(11(431, 432), 12(474)04 Wollongong)				
<b>74272</b>	7Ed. 8/23/97 LAST NM 21/04	35/04			
Delete	Dashed line joining				
		13°39'00"S 143°42'32"E 13°28'35"S 143°40'35"E 13°21'04"S 143°40'30"E			
	Dashed line between				
		13°53'57"S 143°47'09"E 13°48'02"S 143°42'36"E			
	Dashed line joining				
		13°48'52"S 143°44'09"E 13°46'52"S 143°42'30"E 13°40'14"S 143°42'45"E			
Add	Purple heavy dashed line between				
		13°39'00"S 143°42'32"E 13°35'15"S 143°42'06"E			
	Purple heavy dashed line joining				
		13°39'00"S 143°42'32"E 13°28'35"S 143°40'35"E 13°21'41"S 143°40'44"E 13°21'04"S 143°40'30"E			
	Purple heavy dashed line between				
		13°53'57"S 143°46'45"E 13°48'02"S 143°42'36"E			
	Purple heavy dashed line between				
		13°48'52"S 143°44'09"E 13°40'14"S 143°42'45"E			
	<b>(Plan A)</b>				
Delete	Dashed line joining				
		13°31'28.0"S 143°40'13.5"E 13°29'00.0"S 143°39'52.8"E 13°21'54.0"S 143°39'35.0"E			
	Dashed line joining				
		13°31'26.5"S 143°41'05.0"E 13°28'30.0"S 143°40'32.4"E 13°21'54.0"S 143°40'34.0"E			
Add	Purple heavy dashed line joining				
		13°31'32.0"S 143°40'12.0"E 13°29'14.4"S 143°39'57.0"E 13°21'54.0"S 143°39'34.2"E			
	Purple heavy dashed line joining				
		13°31'26.5"S 143°41'05.0"E 13°28'30.0"S 143°40'32.4"E 13°21'54.0"S 143°40'34.0"E			
	(11(432), 12(474)04 Wollongong)				
<b>74273</b>	5Ed. 8/23/97 LAST NM 15/04	35/04			
Delete	Dashed line joining				
		14°56'20"S 145°22'00"E 14°54'44"S 145°21'43"E 14°52'23"S 145°18'35"E			
	Dashed line joining				
		14°40'49"S 145°24'15"E 14°42'18"S 145°24'12"E 14°53'38"S 145°22'00"E 14°51'46"S 145°19'32"E			
	Dashed line between				
		14°37'40"S 145°12'15"E 14°34'08"S 145°59'15"E			
	Dashed line joining				
		14°32'12"S 144°55'40"E 14°29'06"S 144°49'45"E 14°27'25"S 144°47'43"E			
	Dashed line joining				
		14°26'51"S 144°48'28"E 14°21'03"S 144°41'39"E 14°19'55"S 144°41'08"E			
Add	Purple dashed line joining				
		14°40'49"S 145°24'15"E 14°53'32"S 145°22'43"E 14°49'39"S 145°19'36"E 14°43'17"S 145°15'36"E 14°37'40"S 145°12'15"E			
	Purple dashed line joining				
		14°51'46"S 145°19'32"E 14°40'12"S 145°12'28"E 14°34'08"S 144°59'15"E			
	Purple open-outlined dashed arrow indicating flow of traffic [M11] oriented 150°-330° with legend "TWO-WAY ROUTE (SEE NOTE)" centered				
		14°45'00"S 145°16'00"E			
	Purple dashed line between				
		14°32'12"S 144°55'45"E 14°27'25"S 144°47'43"E			
	Purple dashed line between				
		14°26'51"S 144°48'28"E 14°19'55"S 144°41'08"E			
	<b>(Plan)</b>				
Delete	Dashed line joining				
		14°33'25"S 144°56'52"E 14°32'11"S 144°55'40"E 14°29'06"S 144°49'38"E 14°27'48"S 144°48'05"E			
	Dashed line between				
		14°26'51"S 144°48'28"E 14°26'31"S 144°48'05"E			

(continued on next page)

<b>74273</b>	(Continued)		
Add	Purple dashed line joining	14°33'25"S 144°56'54"E 14°32'17"S 144°55'48"E 14°27'43"S 144°48'05"E	
	Purple dashed line between	14°26'51"S 144°48'28"E 14°26'29"S 144°48'05"E	
	(11(431)04 Wollongong)		
<b>83574</b>	2Ed. 9/26/98 LAST NM 7/03 <b>(Panel B)</b>	35/04	
Delete	Anchorage symbol	17°47'14"S 177°10'50"E	
	(14(1468)00 Taunton)		
<b>95100</b>	12Ed. 3/2/96 LAST NM 21/04 Change Visibility (range) of light to 11M	35/04	
	(ROK LL)	34°18'00"N 127°07'54"E	
<b>95102</b>	8Ed. 8/12/95 LAST NM 1/04 Change Visibility (range) of light to 11M	35/04	
	(ROK LL)	34°18'00"N 127°07'54"E	
<b>95140</b>	15Ed. 10/7/95 LAST NM 34/04 Change Visibility (range) of light to 11M	35/04	
	(ROK LL)	34°18'00"N 127°07'54"E	
<b>95171</b>	1Ed. 12/11/93 LAST NM 37/03 Delete Light	35/04	
	Light	36°43'36.0"N 129°28'35.0"E 36°43'33.0"N 129°28'27.0"E	
	Change Height of light to 15m	36°53'39.0"N 129°25'02.0"E	
	Height of light to 14m	36°40'42.0"N 129°27'24.0"E	
	(ROK LL)		
<b>95172</b>	1Ed. 8/28/93 LAST NM 32/03 Change Height of light to 14m	35/04	
	(ROK LL)	36°40'19.0"N 129°27'21.0"E	
<b>95180</b>	11Ed. 6/15/96 LAST NM 34/04 Delete Light	35/04	
	Light	36°43'25"N 129°28'45"E 36°43'18"N 129°28'23"E	
	Change Height of light to 14m	36°40'30"N 129°27'23"E	
	Height of light to 15m	36°53'40"N 129°25'00"E	
	(ROK LL)		

## SECTION I

NM 35/04



## SECTION I

NM 35/04

Chart 11344

NM 35/04

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	38.0	41.0	40.0	27.0	3-04	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	32.0	46.0	47.0	47.0	12-03;3-04	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	27.0	39.0	41.0	35.0	12-03;2-04;5-04	400	6.0	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side A)

NM 35/04

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL	38.0	41.0	40.0	27.0	3-04	800	19.1	42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	32.0	46.0	47.0	47.0	12-03;3-04	400	1.4	40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	27.0	39.0	41.0	35.0	12-03;2-04;5-04	400	6.0	40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	27.0	35.0	37.0	30.0	5-04	400	6.0	40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	33.0	37.0	37.0	31.0	5-04	400	6.0	40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	32.0	37.0	37.0	31.0	5-04	400	5.0	40
THENCE TO 210 BRIDGE	33.0	35.0	34.0	32.0	5-04	400	4.4	40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	33.0	39.0	35.0	34.0	1-04	400	2.0	40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

## SECTION I

Chart 11347 (Side B)

NM 35/04

CALCASIEU PASS AND RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAY 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BAR CHANNEL	38.0	41.0	40.0	27.0	3-04	800 19.1 42
JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W)	32.0	46.0	47.0	47.0	12-03;3-04	400 1.4 40
THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W)	27.0	39.0	41.0	35.0	12-03;2-04;5-04	400 6.0 40
THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W)	27.0	35.0	37.0	30.0	5-04	400 6.0 40
THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W)	33.0	37.0	37.0	31.0	5-04	400 6.0 40
THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W)	32.0	37.0	37.0	31.0	5-04	400 5.0 40
THENCE TO 210 BRIDGE	33.0	35.0	34.0	32.0	5-04	400 4.4 40
THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W)	33.0	39.0	35.0	34.0	1-04	400 2.0 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11376

NM 35/04

MOBILE BAY AND RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
ENTRANCE CHANNEL	41.2	45.7	41.7	5-04	600	7.0 47
MOBILE BAY:						
LOWER REACH (TO LIGHT 50)	41.5	43.6	41.1	5-04	400	11.8 45
UPPER REACH	39.8	43.9	38.7	5-04	400	13.4 40-45
MOBILE RIVER:						
PINTO ISLAND REACH	32.9	39.6	32.6	11-03	700-800	0.6 40
MOBILE CHANNEL	34.9	38.4	37.4	2-04	600	1.5 40
MOBILE TURNING BASIN	40.0	40.0	40.0	2-04	200-675	0.4 40
BLAKELEY ISLAND REACH	31.6	28.3	29.4	2-04	500	1.0 40
ST. LOUIS POINT REACH	19.7	24.9	22.6	12-03	500	0.2 25
CHICKASAW CREEK CHANNEL	12.7	19.4	22.6	12-03	250	2.7 25
ARLINGTON CHANNEL	17.3	18.8	18.4	9-03	150	1.4 27
OCEAN TERMINAL TURNING BASIN	17.4	18.4	11.1	9-03	600	0.1 27
THEODORE SHIP CHANNEL:						
BAY CUT	39.1	40.0	39.1	4-04	400	4.5 40
ANCHORAGE AREA	40.0	40.0	39.9	9-01	300	0.2 40
LAND CUT	36.6	38.4	A36.6	9-01	300	1.5 40
TURNING BASIN	37.0	38.0	34.8	9-01	1400	0.3 40
BARGE CHANNEL	9.5	10.5	7.9	1-04	100	1.1 12

A. ROCK OBSTRUCTIONS REPORTED FROM BUOY "20", CONTINUING FOR APPROXIMATELY 600 FEET EASTWARD.  
MINIMUM DEPTH OVER ROCKS IS 38 FEET.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

## SECTION I

NM 35/04

Chart 11377

NM 35/04

MOBILE BAY AND RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)
ENTRANCE CHANNEL MOBILE BAY: LOWER REACH (TO LIGHT 50)	41.2	45.7	41.7	5-04	600	7.0 47
UPPER REACH	41.5	43.6	41.1	5-04	400	11.8 45
THEODORE SHIP CHANNEL: BAY CUT	39.8	43.9	38.7	5-04	400	13.4 40-45
THEODORE SHIP CHANNEL: BAY CUT	39.1	40.0	39.1	4-04	400	4.5 40

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION





















**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 21/03 THROUGH NM 35/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
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Chart No.	Ed. No.	Notice to Mariners No.			
97270	6	7,13/04			
97271	12	26,35,41,44/03;9,17,24, 31/04			
97272	11	23,37,47/03;1,9,13,19,31, 33/04			
97273	11	34*,52/03;1,9,33/04			
97274	19	23,37,47,52/03;7,9,21/04			
97275	3	52/03*			
97276	2	50/03*			
97277	12	21*,24,33/04			
97278	12	14/04*			
97279	9	27/03			
97280	4	31/04			
97281	3	50/03*			
97285	6	36/03;7,21/04			
97286	6	35,36,38/03;26/04			
97300	6	25,26/03;6,22,27,31/04			
97303	3	45/03			
97304	1	22/04			
97320	6	25,46/03;6,14,21,22, 34/04			
97340	8	22,36,46,47/03;9,14,24, 34/04			
97341	9	21,47/03			
97342	14	22,27,43/03;24/04			
97343	12	25/03;9/04			
97345	2	50/03			
97360	6	27,43,45,47/03;30,34/04			
97380	7	23,38,40,45/03;17,23/04			
97381	7	27,43,45/03			
97382	2	42/03			
97383	16	42,46,47/03;22,25,33/04			
97385	10	46,47/03;22,33/04			
97387	2	42,46/03;10,25,33/04			
97389	2	45*,47/03			
97390	5	36/03;7,22/04			
97392	5	21,23,26,33,38/03;33/04			
97396	14	23,33,38/03;2/04			
97397	7	26,44,49/03			
97398	4	43/03*:27/04			
97400	4	34*,44,49/03			
97410	9	50/03*:2/04			
97412	7	47/03			
97420	17	33,38,40,45/03;1,13,14, 17,23,24,28/04			
97421	13	26,36/03			
97423	2	26,36/03;10,17/04			
97425	6	45/03;1,2,23,28/04			
97440	8	27,43,47/03;9,30,34/04			
97441	5	47/03;14/04			
97443	6	25,47/03			
97460	7	21,47/03;9,23,26,34/04			
97461	9	21,22,23,26/03;9,26, 34/04			
97465	9	22,33,37/03;6,12,26/04			
97466	2	23,27/03			
97469	10	22,33,37/03;6,12,30/04			
97471	5	N22,N33/03;N6,N10, N12/04			
97472	8	33/03			
97474	7	22/03;26/04			
97480	7	21/03;15,23/04			
97483	7	11/04			
97501	2	21*,23/04			
800669	8	N1,N16,N34/04			
800744	1	N36,N47,N50/03;N10, N30/04			
801217	1	N22,N33,N37/03;N6, N12,N26/04			
801885	3	N34/03			
801902	9	N25,N31/03;N14,N29/04			
801953	1	N39,N52/03			
802260	5	N1,N23,N34/04			
803404	2	N8/04			
804059	2	N43/03			
804567	4	N31/03;N9,N32/04			
805118	3	N36/03;N12,N24/04			
805647	2	N30/03;N8,N13/04			
805980	4	N23/04			
806927	8	N25,N30,N39/03;N29/04			
807370	5	N25,N30,N31,N39/03; N14,N29/04			
807861	2	N22/03			
809055	7	N25,N26,N31/04			
809679	2	N27/03			

**SECTION II****NM 35/04****NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS**

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
	MISCELLANEOUS CHARTS AND PUBLICATIONS							
DNCDX002 (7644014482121)	East Africa		<u>9</u>	<u>6/04</u>	DS	10-43	35/04	
DNCDX008 (7644014354834)	Southern Europe		<u>21</u>	<u>6/04</u>	DS	10-43	35/04	
DNCDX023 (7644014360296)	Northern Asia		<u>12</u>	<u>6/04</u>	DS	10-43	35/04	
DNCDX025 (7644014482141)	Gulf of Alaska		<u>11</u>	<u>6/04</u>	DS	10-43	35/04	
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Price Categories effective 1 October 2002

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CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

UKHO United Kingdom Hydrographic Office

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**PUB 180 (Continued)**

The Reporting Point Notification shall contain the following:

1. Vessel name.
2. Call sign.
3. AAIC (Accounting Authority Identification Code).
4. IMO identity.
5. MMSI number.
6. Flag (nationality).
7. Current position (latitude/longitude).
8. Destination.
9. Master's name and nationality.

Reporting Points		
No.	Name	Reporting Line
1	Kvitsoy	Latitude 59°05'N
2	Stad	Latitude 62°10'N
3	Rorvik	Latitude 64°52'N
4	Landegode	Latitude 67°27'N
5	Tromso	Latitude 69°41'N
6	Honningsvag	Longitude 26°00'E
	Passing the baseline	When entering or leaving NTW

**Stopping or anchoring.**—Stopping or anchoring by vessels passing through NTW is only permitted, as follows:

1. Actions incidental to ordinary navigation.
2. Force majeure.
3. Distress.
4. Assisting persons, ships, or aircraft in danger or distress.

If a vessel makes a temporary stop or remains stationary, the Norwegian Authorities must be notified.

(BA NM 28/04, Section VI;

US NM 42/03, Section II)      35/04



## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *Pass Marianne</b>							
*32871	- Daybeacon 2			TR on pile.		Ra ref.	
							35/04
32880	- Buoy 5P					Remove from list.	
						*	35/04
*32881	- Daybeacon 5			SG on pile.		Ra ref.	
							35/04
32885	- Buoy 6P					Remove from list.	
						*	35/04
*32886	- Daybeacon 6			TR on pile.		Ra ref.	
							35/04
32890	- Buoy 7P					Remove from list.	
						*	35/04
*32891	- Daybeacon 7			SG on pile.		Ra ref.	
							35/04
32895	- Buoy 8P					Remove from list.	
						*	35/04
*32896	- Daybeacon 8			TR on pile.		Ra ref.	
							35/04
32900	- Buoy 9P					Remove from list.	
						*	35/04
*32901	- Daybeacon 9			SG on pile.		Ra ref.	
							35/04
32905	- Buoy 10P					Remove from list.	
						*	35/04
*32906	- Daybeacon 10			TR on pile.		Ra ref.	
							35/04
32915	- Buoy 11P					Remove from list.	
						*	35/04
*32916	- Daybeacon 11			SG on pile.		Ra ref.	
							35/04
32920	- Buoy 12P					Remove from list.	
						*	35/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*32921	- Daybeacon 12				TR on pile.		Ra ref.
							35/04
32925	- Buoy 13P						Remove from list.
						*	35/04
*32926	- Daybeacon 13				SG on pile.		Ra ref.
							35/04
38580	- Buoy 143	27 25 56 N 97 20 45 W				Green can with yellow square.	
		*					35/04

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10365	PRICE ISLAND LIGHT 35	46 15 16 N 123 26 40 W	Fl G 4s	12	6	SG on pile structure.	
					*		35/04
10410	HUNTS MILL POINT LIGHT 44A	46 11 36 N 123 26 02 W	Fl R 2.5s	12	4	TR on pipe.	Ra ref.
		*					35/04
10505	- DIKE LIGHT 64	46 08 26 N 123 19 50 W	Fl R 6s	15	4	TR on dolphin.	
		*					35/04
10600	- DIKE LIGHT 79	46 10 28 N 123 12 53 W	Fl G 4s	15	4	SG on pile.	
		*					35/04
11065	- RANGE FRONT LIGHT	45 51 18 N 122 46 47 W	Q W	25		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
		*					35/04
14485	- Daybeacon 18	46 17 24 N 124 02 54 W			TR on pile.		
		*					35/04
14490	- LIGHT 20	46 17 37 N 124 02 42 W	Fl R 4s	17	4	TR on pile structure.	Ra ref.
		*					35/04
14500	- LIGHT 22	46 17 49 N 124 02 25 W	Fl R 2.5s	15	4	TR on dolphin.	Ra ref.
		*					35/04
14530	- LIGHT 5	46 16 05 N 123 57 23 W	Fl G 4s	15	4	SG on pile structure.	Ra ref.
		*		*			35/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Skipanon Waterway</b>							
14550	- WEST LIGHT 4	46 11 04 N 123 54 29 W	Fl R 4s	15	5	TR on dolphin.	
		*					35/04
14560	- RANGE FRONT LIGHT	46 09 59 N 123 54 53 W	Fl R	26		KRB on skeleton tower.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
		*					35/04
14775	SVENSEN ISLAND LIGHT 12A	46 10 52 N 123 38 40 W	Fl R 2.5s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
		*					35/04
14780	- Daybeacon 14	46 11 13 N 123 38 04 W				TR on pile structure.	Ra ref.
		*					35/04
<b>CRIMS ISLAND TO VANCOUVER (Chart 18524)</b>							
<b>Multnomah Channel</b>							
14825	- Daybeacon 2	45 52 26 N 122 47 56 W				TR on pile.	
		*					35/04
15235	Toke Point Basin Daybeacon 4	46 42 29 N 123 57 58 W				TR on pile.	
		*					35/04
15250	- Daybeacon 2	46 41 32 N 123 57 21 W		16		TR on dolphin.	
		*					35/04
15305	- LIGHT 24	46 42 23 N 123 51 59 W	Fl R 4s	15	4	TR on dolphin.	
		*					35/04
15320	- LIGHT 29	46 42 23 N 123 50 35 W	Fl G 2.5s	15	4	SG on dolphin.	
		*					35/04
15325	- Daybeacon 30	46 42 17 N 123 50 35 W				TR on pile.	
		*					35/04
15330	- LIGHT 33	46 42 05 N 123 49 59 W	Fl G 4s	22	4	SG on dolphin.	Higher intensity beam up and down channel.
		*			*		35/04
15340	- LIGHT 39	46 41 11 N 123 49 05 W	Fl G 4s	18	4	SG on dolphin.	Higher intensity beam up and down channel.
		*			*		35/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15365	- CHANNEL LIGHT 51 80 feet outside channel limit.	46 39 53 N 123 47 59 W	Fl G 4s	15	4	SG on dolphin.	
		*		*			35/04
15375	- CHANNEL LIGHT 55	46 40 35 N 123 47 05 W	Fl G 4s	16	4	SG on skeleton tower.	
		*		*			35/04
15415	- Daybeacon 8	46 35 23 N 123 58 35 W				TR on pile.	
		*					35/04
15445	NAHCOTTA MOORING BASIN LIGHT 2	46 30 05 N 124 01 29 W	Fl R 4s	15	4	TR on pile structure.	Higher intensity beam down channel.
		*		*			35/04
15650	- South Reach Daybeacon 20	46 55 05 N 124 03 41 W				TR on pile structure.	
		*					35/04
15940	DAMON POINT LIGHT	46 57 01 N 124 06 25 W	Fl Y 4s	20	5	NB on pile structure.	Ra ref.
		*					35/04
<b>South Channel</b>							
15950	- LIGHT 6	46 55 14 N 124 01 58 W	Fl R 2.5s	16	4	TR on dolphin.	Visible all around; higher intensity beam down channel.
		*					35/04
16070	- Daybeacon 16	46 51 58 N 124 04 25 W				TR on pile.	
		*					35/04
*23306.65	- Daybeacon 24	56 40 02 N 133 43 53 W				TR on pile.	
							35/04
*23306.86	- Daybeacon 28	56 41 04 N 133 44 04 W				TR on pile.	
							35/04
24010	- LIGHT 3	57 27 57 N 134 33 58 W	Fl G 6s	23	4	SG on spindle.	
		*					35/04
25430	- Buoy 6	59 42 34 N 139 41 51 W				Red nun.	
		*					35/04
25435	- Buoy 8	59 41 25 N 139 38 37 W				Red nun.	
		*					35/04

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
25445	<i>Yakutat Roads Lighted Buoy 1</i>	59 33 27 N 139 45 56 W	Fl G 2.5s			Green.	
	*			*	*	*	35/04
27181	SOUTH KING COVE HARBOR LIGHT 1	55 03 17 N 162 19 25 W	Fl G 4s	25	3	SG on spindle.	
	*			*	*		35/04

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## SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8636	-Town Point, SE. extremity of H 1260 Pier "C".						Remove from list.
						*	35/04
*18035	--Barra do Gil. G 0244.3	12° 59.7' S 38° 37.4' W	Fl.W. period 6s	23 7	6		35/04
*18035.5	--Barra Grande. G 0244.6	13° 02.6' S 38° 40.4' W	Fl.W. period 3s	23 7	6		35/04
*18173	Terminal Belmonte, N. end. G 0292.9	16° 01.7' S 38° 55.3' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	39 12	5	Green square concrete tower; 16.	35/04
*18173.5	-S. end. G 0293.1	16° 01.9' S 38° 55.4' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	39 12	5	Red square concrete tower; 16.	35/04
							35/04
CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16564	Chimmi Mal. F 4431.5	36° 54.0' N 129° 25.0' E	Fl.W. period 6s	49 15	8	White round concrete tower; 39. Visible 184°-340°.	
				*			35/04
16570	Jiksan Hang, E. breakwater.					Remove from list.	
					*		35/04
16570.1	Jiksan Hang, S. breakwater.					Remove from list.	
				*			35/04
16576	-E. breakwater, head. F 4429	36° 40.3' N 129° 27.4' E	Fl.R. period 4s	46 14	5	Red round steel tower; 20.	
				*			35/04
16592	-N. breakwater, head. F 4421	36° 30.6' N 129° 27.2' E	Fl.R. period 5s	49 15	6	Red round concrete structure; 28.	
				*	*	*	35/04
17292	Sopto. F 4296	34° 18.0' N 127° 07.9' E	Fl.W. period 10s	171 52	11	White round concrete tower; 15.	
RACON		C(- - -)		10			
				*	*	*	
				*	*	*	35/04

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17624 <i>F 4217</i>	-Hwaweon Bando.	34° 45.6' N 126° 18.0' E	Fl.W. period 5s	121 37	18 118.	White round concrete structure; Visible 067°-305°. Siren: 1 bl. ev. 30s.	*

35/04

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2128 <i>D 1589</i>	Puerto de Lastres, Malecon.	43° 30.9' N 5° 15.9' W	Fl.(3)G. period 9s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5.5s	49 15	4	Round concrete tower; 16.	*
2130 <i>D 1591</i>	Cabo Lastres.	43° 32.1' N 5° 17.9' W	Fl.(5)W. period 25s fl. 0.4s, ec. 3.2s fl. 0.4s, ec. 3.2s fl. 0.4s, ec. 3.2s fl. 0.4s, ec. 3.2s fl. 0.3s, ec. 10.3s	387 118	23	White round tower; 59.	*
2132 <i>D 1592</i>	Punta de Tazones.	43° 32.9' N 5° 24.0' W	Fl.W. period 7.5s	417 127	20	Octagonal masonry tower on white hut; 36.	Fl.G. marks end of breakwater. Nautophone: (about 150 meters N.) Mo.(V) ev. 30s (bl. 1.5s, si. 1.5s, bl. 1.5s, si. 1.5s, bl. 1.5s, si. 1.5s, bl. 4.5s, si. 16.5s).

35/04

35/04

#### CONCHA DE GIJON:

2136 <i>D 1608</i>	-Piedra da Sacramento.	43° 32.9' N 5° 40.2' W	Q.G.	36 11	4	Octagonal concrete tower.	
2140 <i>D 1609</i>	-Dique de Liquerica (Santa Catalina).	43° 32.8' N 5° 40.1' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	30 9	3	Red post; 16.	*
2148 <i>D 1610</i>	-Malecon de Fomento, head.	43° 32.7' N 5° 40.1' W	Fl.(3)G. period 10s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	26 8	1	Green round post; 13.	Q.W. 2m 1M shown 550 meters W.

35/04

35/04

35/04

#### -Zona de El Musel:

2152 <i>D 1598</i>	-Contradicue de Levante, head.	43° 33.6' N 5° 41.2' W	Fl.(2)R. period 6s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4s	52 16	3	Red hut; 16.	
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35/04

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2168 - -Espigon II, head. <i>D 1602</i>		43° 33.7' N 5° 41.8' W	Fl.(2+1)R. period 12s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 2.5s fl. 0.5s, ec. 7.5s	20 6	1	Red post, green band; 13.	
			*	*	*		35/04
2172 - -Espigon, NW. corner. <i>D 1603</i>		43° 33.9' N 5° 41.9' W	Fl.(4)R. period 12s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5.5s	20 6	1	Red post; 16.	
			*	*	*		35/04
2173 - -SE. corner. <i>D 1603.2</i>		43° 33.9' N 5° 41.8' W	Fl.(2+1)G. period 10s fl. 0.5s, ec. 0.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 6.5s	26 8	1	Green post, red band; 20.	Visible 345°-060°.
			*	*	*	*	*
2187 - Darsena de El Musel, elbow. <i>D 1598.5</i>		43° 33.3' N 5° 41.8' W	Fl.R. period 3s fl. 0.5s, ec. 2.5s	26 8	1	Red post; 13.	
			*	*	*	*	35/04
2192 - -Dique Norte, head. <i>D 1599</i>		43° 33.6' N 5° 41.5' W	Fl.(3)G. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	33 10	5	Green tower; 16.	
			*	*	*		35/04
2196 - -Dique Exterior (Dique Oeste), head. <i>D 1597</i>		43° 34.2' N 5° 40.5' W	Fl.G. period 3s fl. 0.4s, ec. 2.6s	79 24	6	Gray round post.	
			*	*	*		35/04
2264 - Training wall, W. side of entrance, head. <i>D 1636</i>		43° 34.0' N 6° 04.6' W	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	36 11	3	Truncated pyramidal tower; 13.	Six F.G. lights mark the training wall on W. side of channel. Two F.Or. in line 202°30' mark entrance. Synchronized with F.R. off San Juan de la Arena, front.
			*	*	*		35/04
2268 - Basin entrance on fortification. <i>D 1638</i>		43° 33.3' N 6° 04.8' W	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	3	Truncated pyramidal tower; 10.	
			*	*	*		35/04
2272 - Basin entrance, dividing wall, head. <i>D 1638.4</i>		43° 33.3' N 6° 04.4' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	23 7	3	Truncated pyramidal tower; 10.	
			*	*	*		35/04

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2276 <i>D 1640</i>	Punta Rebollera.	43° 33.9' N 6° 08.7' W	Oc.(4)W. period 16s lt. 5s, ec. 2s lt. 1s, ec. 2s lt. 1s, ec. 2s lt. 1s, ec. 2s	144 44	16 33.	White octagonal tower on house;	Head of E. and W. breakwaters marked by F.R. and F.G. lights. <b>Siren:</b> Mo.(D) ev. 30s (bl. 4.5s, si. 1.5s, bl. 1.5s, si. 1.5s, bl. 1.5s, si. 19.5s).
			*	*			35/04
2456 <i>D 1688</i>	Cedeira, on Punta Promontorio.	43° 39.1' N 8° 04.2' W	Oc.(4)W. period 10s lt. 3s, ec. 1s lt. 1s, ec. 1s lt. 1s, ec. 1s lt. 1s, ec. 1s	85 26	11	White hexagonal tower; 23.	
			*				35/04
2458 <i>D 1690</i>	Punta de Frouxeira.	43° 37.1' N 8° 11.3' W	Fl.(5)W. period 15s	246 75	20	Pyramidal concrete tower; 98.	
			*				35/04
3280 <i>D 2058</i>	-S. mole.	40° 38.4' N 8° 45.4' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	56 17	9	Truncated tower, green and white bands; 39.	
			*	*			35/04
3281 <i>D 2056.2</i>	-Entrance Range, front.	40° 38.7' N 8° 44.9' W	Oc.R. period 3s lt. 2s, ec. 1s	26 8	9	Mast; 16.	
			*	*			35/04
4684 <i>E 0161</i>	-E. mole, head.	38° 20.2' N 0° 28.9' W	Fl.(3)G. period 8.5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 5s	26 8	3	Green round tower; 20.	
			*				35/04
4692 <i>E 0159</i>	-Fishing Harbor, mole, elbow.	38° 19.8' N 0° 29.4' W	Fl.(2+1)R. period 22s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 5s fl. 0.5s, ec. 14s	26 8	5	Red round tower, white base; 23.	
			*				35/04
4696 <i>E 0159.3</i>	-Muelle II, mole, head.	38° 20.0' N 0° 29.2' W	Fl.(3)R. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	26 8	3	Red round tower; 20.	
			*				35/04
15370 <i>E 4169.5</i>	-Selinia, pier, head.	37° 56.0' N 23° 32.2' E	2 F.R. (vert.)	23 7	3	White metal column.	
			*				35/04
15372 <i>E 4169</i>	-Nisia Atalandi.	37° 56.0' N 23° 34.0' E	Fl.W.R. period 1.5s fl. 0.3s, ec. 1.2s	26 8	W. 4 R. 2	Metal framework on round hut; W. 095°-065°, R.-095°. 16.	
			*	*	*		35/04

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## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15380 - -SW. head. <i>E 4170.2</i>		37° 56.3' N 23° 34.9' E	Fl.G. period 1.5s fl. 0.2s, ec. 1.3s	46 14	3	White square hut, metal framework, green band; 20.	Visible 283°-209°. 35/04
				*	*		
15388 -Akra Kinosoura. <i>E 4170.4</i>		37° 56.9' N 23° 34.8' E	Fl.R. period 3s fl. 0.3s, ec. 2.7s	39 12	4	White square hut, metal framework, red band; 23.	35/04
				*	*		
15390 -Kinosoura Shipyard, jetty, head. <i>E 4170.5</i>		37° 57.0' N 23° 33.3' E	F.R.	16 5	2	White metal column, red band; 20.	Private light. 35/04
				*	*		
15392 -Ormos Ambelakia, Kandris, pier. <i>E 4170.6</i>		37° 57.1' N 23° 33.0' E	2 F.G. (vert.)	16 5	3	White column, green band; 10. 1 meter apart. Private light.	35/04
				*	*		
-Kolpos Elefsinos:							
15404 - -Titan Pier, head. <i>E 4174.86</i>		38° 02.0' N 23° 32.0' E	2 F.R. (vert.)	39 12	2	White metal column, red band; 32.	1 meter apart. F.R. 3M and F.G. 3M mark mole heads of fishing harbor 0.5 mile ENE. Private light. 35/04
				*	*		
15492 - -Provris II, pier, head. <i>E 4172.65</i>		37° 57.6' N 23° 33.8' E	3 F.G. (vert.)	36 11	3	White metal mast; green band; 30.	35/04
				*	*		
15520 - -Loading pier, head. <i>E 4177.4</i>		37° 56.7' N 23° 36.9' E	F.G.	30 9	3	White metal mast, green band; 22.	Private light. 35/04
				*	*		
-Piraevs:							
15524 - -Molos Themistokleus, head. <i>E 4178</i>		37° 56.2' N 23° 37.3' E	L.Fl.G. period 6s fl. 2s, ec. 4s	43 13	9	Round concrete tower, green band; 32.	35/04
				*	*		
15540 - -N. breakwater, head. <i>E 4182.4</i>		37° 56.0' N 23° 39.0' E	Fl.(2)G. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	26 8	4	Metal framework tower on pedestal, green band; 16.	35/04
				*	*		
-Ormos Falirou:							
15544 - -Limn Mounikias, N. breakwater, head. <i>E 4186</i>		37° 56.3' N 23° 39.7' E	Iso.G. period 2s	30 9	6	White metal framework tower on pedestal, green band; 16. Visible 205°-145°.	35/04
				*	*		
15548 - -S. breakwater, head. <i>E 4186.2</i>		37° 56.2' N 23° 39.7' E	Iso.R. period 2s	30 9	8	White metal framework tower on pedestal, red band; 19. Visible 109°-049°.	35/04
				*	*		

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### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15550 <i>E 4187.4</i>	--SE. jetty, head.	37° 56.3' N 23° 39.7' E	Q.R. fl. 1s, ec. 2s	13 4	2	White round hut on pedestal, red band; 9.	*
				*	*		35/04
15572 <i>E 4189.6</i>	-Limin Alimos Marina, SW. breakwater, head.	37° 54.7' N 23° 42.1' E	FIG. period 3s	33 10	9	White hexagonal hut, column and gallery, green band; 26.	*
			fl. 1s, ec. 2s		*	*	35/04
15576 <i>E 4189.8</i>	-NE. breakwater, head.	37° 54.7' N 23° 42.1' E	FLR. period 3s	33 10	9	White hexagonal hut, column and gallery, red band; 26.	*
				*	*		35/04
16752 <i>E 4545</i>	Nea Karvali, breakwater.	40° 57.0' N 24° 28.9' E	FIG. period 4s	43 13	7	Metal framework with gallery, metal column, green band.	*
		fl. 1s, ec. 3s		*	*		35/04
16756 <i>E 4545.3</i>	-Nea Karrali, pier, head.	40° 57.3' N 24° 32.5' E	3 F.R.	33 10	3	White metal framework tower on round hut, red band; 30.	Lights form inverted "L".
				*	*		35/04
20970 <i>E 5901</i>	Yeni Erenkoy, fishing harbor.	35° 33.9' N 34° 13.0' E	Fl.(2)W. period 15s	72 22	15	White concrete tower; 10.	
	*		*	*	*		35/04

### CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
610	Punta Carena Light Station	<i>Remove from list.</i>					

\*

35/04

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 35/04**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
<b>NGA HYDRO CATALOG CATP2V01U</b> Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8,9,10,11,12, 13,14,15,16,17,18, 19,20,21,22,23,24, 25,26,28,29,30,31, 32,33,34/04	CDPUBSD143 CDPUBSD145 CDPUBSD146 CDPUBSD153 CDPUBSD155 CDPUBSD157 CDPUBSD158 CDPUBSD160 CDPUBSD164 CDPUBSD174 CDPUBSD191 CDPUBSD192	2003 2003 2002 2003 2004 2004 2003 2004 2003 2004 2004 2003	46/03* 51/03* 4/03* 26/04* 29/04* 29/04* 24/03* 25/04* 16/04* 26/04* 29/04* 32*,36,38,39,40,41, 42,43/03	SDPUB195 SDPUB200	2002 2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03;1, 12,23,33/04 38*,39,42/02;22,27, 34,41,51,52/03; 27/04
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7,10,11,14,15, 20,22,24,25,33, 34/04	CDPUBSD193 CDPUBSD194 SDPUB120	2004 2004 2001	27/04* 28/04* 12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,52/03;5,9, 12,14,15/04	COMDTM165021 COMDTM165022 COMDTM165023 COMDTM165024 COMDTM165025 COMDTM165026 COMDTM165027	2004 2004 2004 2004 2004 2004 2004	22*,23,24,25,27,28, 29,30,31,32,33,34, 35/04 23*,24,25,26,27,28, 29,30,31,32,33,34, 35/04 23*,24,25,26,27,28, 29,30,31,32,33,34, 35/04 22/04* 22*,23,24,25,26,27, 28,30,31,32,33, 34,35/04 22*,23,24,25,26,28, 29,30,32,34/04
Region 3	2002	1/03*;19,23,24,28, 31,32,33,34/04	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03 39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24/04	FLEET GUIDES	2004	N17/04*
Region 4	2002	1*,23,43/03	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03 39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24/04	CDPUBFGPAC FGPUB940ATL	2004 2001	N17/04* N47/01*
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1,9,10, 14,20/04	SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03 39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03;12,16, 23,24/04	NOS MISCELLANEOUS PUBLICATIONS	2000	34/00*
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03;11/04	SDPUB126	2002	21*,38/01 35/01*/21,22,23, 24/03;39,40,41,46, 50/03;10,12,15, 19/04	NOSPCATALOGO2 NOSPCATALOG3 NOSPCATALOG4 NOSPCATALOGA NOSPCATALOGG	2000 2000 2000 2003 2003	34/00* 34/00* 34/00* 19/04* 19/04*
Region 7	2002	1*,11,15,28/03;31, 32/04	SDPUB141	2001	21*,38/01	ALMANACS	2005	34/04*
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB147	2001	35/01*/21,22,23, 24/03;39,40,41,46, 50/03;10,12,15, 19/04	AIRALMANAC501 NAUTALMANAC05	2005 2005	34/04*
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7,11, 14,15,21/04	SDPUB148	2001	48/01*,23,24/02;22, 42,43,45,48,50, 52/03;5,13,14,22,32, 33/04	COAST PILOT	34 33 37 37 35	18*,21,24,33,34/04 5*,6,9,20,25,26,27, 31,34/04 14*,18,21,25,28, 33/04 34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28,32,33,34/04
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6,7,9, 10,11,13,14,16,17, 18,19,20,21,22,23, 24,25,26,27,28,29, 30,32,34,35/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03; 10,12,13,16,19,20, 28,30,31,33/04	NOSPBCP1 NOSPBCP2 NOSPBCP3 NOSPBCP4 NOSPBCP5 NOSPBCP6	34 33 37 37 32 34	18*,21,24,33,34/04 5*,6,9,20,25,26,27, 31,34/04 14*,18,21,25,28, 33/04 34*,36,39,42,44,46, 47,51/03;6,7,8,9,11, 12,19,20,21,24,26, 27,28,32,33,34/04 30*,31,33,34/04 13*,18,19,25,26,27, 31,34/04
<b>NGA LIST OF LIGHTS</b> LLPUB110	2004	10*,14,15,19,21,22, 23,24,29,30,31,32, 33,34,35/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03;10,14/04	NOSPBCP7	36	18*,19,20,21,23,24, 27,31,34/04
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8,9,10,11,12, 13,14,15,17,18,19, 21,22,24,27,29,30, 34/04	SDPUB162	2001	51/01*,5,12/03; 12/04	NOSPBCP8	26	32*,34/04
LLPUB112	2004	7*,9,10,11,12,14,15, 16,17,18,19,20,21, 22,23,24,25,26,27, 30,33,34,35/04	SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03;12, 16,23,24/04	NOSPBCP9	21	30*,32,33,36,39,42, 48,51/03;8,18,19,20, 23,25,26,28,29,31, 34/04
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8,9,10,11,12,13,14, 15,16,17,18,19,20, 21,22,23,24,25,26, 27,28,29,30,31,32, 33,34,35/04	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	RADIO NAVIGATIONAL AIDS	2002	50/02*/13,03
LLPUB114	2004	18*,21,22,23,24,25, 26,27,29,30,31, 32/04	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8,9,12,13,14,17, 19,20,21,22,24/04	RAPUB117	2002	50/02*/13,03
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7,10, 12,13,14,15,16,17, 20,22,23,24,26,27, 28,29/04	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03; 13,16,17/04	AMERICAN PRACTICAL NAVIGATOR	2002	36/02*/14,38/03
LLPUB116	2004	23*,28,30,31,33/04	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26,27,29,32,37,38, 43,47/03	INTERNATIONAL CODE OF SIGNALS	2003	20/03*
<b>SAILING DIRECTIONS</b> CDPUBSD124	2004	25/04*	SDPUB180	2002	32*,33,34,42,47,48, 50/02;6,13,14,17,21, 24,42,44,47,48,49, 51/03;19,21,28, 35/04	WORLD PORT INDEX	2000	50/00*/14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51,
CDPUBSD125	2004	27/04*	SDPUB181	2002	38*,39/02	CDPUBSD125	2004	52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40,
CDPUBSD127	2004	29/04*	SDPUB182	2001	8*,10,12,41/02;	CDPUBSD127	2004	42,46,49/02;2,7,10, 15,20/03
CDPUBSD131	2002	9/03*	SDPUB183	2001	17/03	CDPUBSD131	2004	
CDPUBSD132	2003	6/04*			27/01*/13,15,16/02;	CDPUBSD132	2004	
CDPUBSD140	2003	25/04*			18/03	CDPUBSD140	2004	
CDPUBSD142	2004	24/04*				CDPUBSD142	2004	

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 35/04**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
<b>DISTANCES BETWEEN PORTS</b> NVPUB151	2001	4/02*		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b> CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b> SRPUB229V1 SRPUB229V2 SRPUB229V3 SRPUB229V4 SRPUB229V5 SRPUB229V6	1970 1970 1970 1970 1970 1970	11/71* 11/71* 7/71* 3/71* 3/71* 23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b> SRPUB249V1 SRPUB249V2 SRPUB249V3	2000 1952 1952	4/01* 46/52* 46/52*		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB106 NVPUB107 NVPUB109	2002 1998 2001	42/03* 30/99* 49/02*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*;52/00;16/04		
<b>NOS TIDE TABLES</b> NOSPBTTCWPACIN4 NOSPBTTECSTNSA4 NOSPBTTEURAFR4 NOSPBTWCSTNSA4	2004 2004 2004 2004	N1/04* N1/04* N1/04* N1/04*		
<b>TIDAL CURRENT TABLES</b> NOSPBTCTATCSTN4 NOSPBTCTPACAS4	2004 2004	N1/04* N1/04*		

**BROADCAST WARNINGS**

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

**NAVAREA IV**

Messages in force 121200Z August 2004:

2003 series	128(26)	232(GEN)	270(11,26)	273(14)
108(26,27)	198(11)	243(GEN)	271(GEN)	274(GEN)
2004 series	226(14)	265(GEN)	272(GEN)	275(51)

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

**NAVAREA IV WARNINGS issued from 051100Z to 121200Z August 2004.**

269/04. CANCELED.

270/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 15 AUG IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-33N 080-55W.
  - B. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 15 AUG IN AREA BETWEEN  
29-20N 29-10N AND 079-50W 079-40W.
  - C. 1300Z TO 0359Z DAILY 10 AND 14 AUG AND  
0400Z TO 0700Z DAILY 11 AND 13 AUG  
IN AREA BETWEEN  
30-00N 28-50N AND 81-00W 80-50W.
  - D. 1545Z TO 2100Z DAILY 11 AND 12 AUG  
IN AREA BOUND BY  
30-35N 081-21W, 30-35N 081-00W,  
30-00N 081-02W, 30-00N 081-15W.
2. CANCEL THIS MSG 160459Z AUG.

(061355Z AUG 2004)

271/04(GEN). PREARRIVAL INFORMATION REPORT (PAIR)  
REQUIREMENTS PRIOR TO ENTERING CANADIAN  
WATERS (96-HOUR NOTIFICATION).

1. ALL VESSELS SUBJECT TO THE MARINE TRANSPORTATION SECURITY REGULATIONS FOR CANADA ARE REQUIRED TO SUBMIT THEIR 96-HOUR PREARRIVAL INFORMATION REPORT (PAIR) AND A TRUE COPY OF THEIR INTERNATIONAL SHIP SECURITY CERTIFICATE OR INTERIM SHIP SECURITY CERTIFICATE TO A CANADIAN MARINE COMMUNICATION AND TRAFFIC SERVICE CENTER.
2. PAIR 96-HOUR NOTIFICATION SHOULD BE SENT TO ONE OF THE ADDRESSES BELOW:
  - A. VESSELS INBOUND TO CANADIAN WATERS ON THE EAST COAST INCLUDING A CANADIAN OR AMERICAN PORT IN THE GREAT LAKES SHALL SEND A PAIR TO ECAREG CANADA VIA ONE OF THE FOLLOWING METHODS LISTED BELOW:
    - I. ST. JOHN'S MCTS CENTER  
TELEX: 016 4530  
FAX: 709 772 5369  
TELEGRAPHIC IDENTIFIER: CCGTC SNF  
EMAIL: ECAREGSNF@INNAV.GC.CA
    - II. HALIFAX MCTS CENTER  
TELEX: 019 22510  
FAX: 902 426 4483  
TELEGRAPHIC IDENTIFIER: CCG MRHQ DRT  
EMAIL: HLXECAREG1@INNAV.GC.CA
- B. VESSELS INBOUND TO A PORT WITHIN THE CANADIAN ARCTIC ZONE SHALL SEND A PAIR TO NORDREG CANADA VIA IQALUIT MCTS CENTER FAX: 867 979 4236, TELEX: 063 15529,  
TELEGRAPHIC IDENTIFIER: NORDREG CDA  
EMAIL: IQANORDREG@INNAV.GC.CA  
OPEN ONLY DURING SEASON OF NAVIGATION (APPROXIMATELY 25 JUN THRU 15 DEC).
3. ALL VESSELS ARE REQUIRED TO SEND THEIR COMPLETE PAIR PLUS A COPY OF THEIR INTERNATIONAL SHIP SECURITY CERTIFICATE (ISSC) OR INTERIM CERTIFICATE (IISCC). ANY VESSEL WITH AN INCOMPLETE PAIR OR MISSING ISSC OR IISCC WILL BE DENIED ENTRY INTO CANADIAN WATERS. IT IS THE RESPONSIBILITY OF THE MASTER OF THE VESSEL TO ENSURE THAT ALL THE INFORMATION PROVIDED TO TRANSPORT CANADA IS COMPLETE AND CORRECT. TRANSPORT CANADA WILL BE IN COMMUNICATION WITH THE VESSEL ONLY WHEN SEEKING ADDITIONAL INFORMATION.

## SECTION III

4. ANY VESSEL THAT ENTERS CANADIAN WATERS AFTER HAVING BEEN DENIED ENTRY INTO CANADIAN WATERS MAY BE SUBJECT TO THE FOLLOWING CONTROL ACTIONS, AT THE DISCRETION OF TRANSPORT CANADA:
- THE VESSEL MAY BE DETAINED.
  - THE VESSEL MAY BE REDIRECTED.
  - THE VESSEL MAY BE EXPELLED.
5. THE PRE-ARRIVAL INFORMATION REPORT (PAIR) SHALL INCLUDE THE FOLLOWING INFORMATION:
- VESSEL'S NAME.
  - COUNTRY OF REGISTRY.
  - NAME OF VESSEL'S REGISTERED OWNER.
  - NAME OF ITS OPERATOR.
  - NAME OF VESSEL'S CLASSIFICATION SOCIETY.
  - VESSEL'S INTERNATIONAL RADIO CALL SIGN.
  - VESSEL'S INTERNATIONAL SHIP SECURITY CERTIFICATE, CANADIAN VESSEL SECURITY CERTIFICATE OR SHIP SECURITY COMPLIANCE DOCUMENT NUMBER.
  - THE DATE OF ISSUANCE, DATE OF EXPIRY AND NAME OF THE ISSUING BODY OF ITS INTERNATIONAL SHIP SECURITY CERTIFICATE, CANADIAN VESSEL SECURITY CERTIFICATE, OR SHIP SECURITY DOCUMENT.
  - VESSEL'S INTERNATIONAL MARITIME ORGANIZATION NUMBER, IF IT IS A SOLAS SHIP.
  - CONFIRMATION THAT THE VESSEL HAS AN APPROVED VESSEL SECURITY PLAN.
  - THE VESSEL'S CURRENT MARSEC LEVEL.
  - A STATEMENT OF WHEN ITS LAST TEN DECLARATIONS OF SECURITY WERE COMPLETED.
  - DETAILS OF ANY SECURITY THREATS TO THE VESSEL DURING THE LAST TEN CALLS AT MARINE FACILITIES.
  - A STATEMENT AS TO WHETHER THE VESSEL CONSENTS TO TRACKING BY THE CANADIAN GOVERNMENT.
  - DETAILS OF ANY DEFICIENCIES IN ITS SECURITY EQUIPMENT AND SYSTEMS, INCLUDING THE COMMUNICATION SYSTEMS, AND THE WAY IN WHICH THE MASTER OF THE VESSEL INTENDS TO RECTIFY THEM.
  - IF APPLICABLE, THE NAME OF IT'S AGENT AND CONTACT PERSON AND THEIR 24-HOUR TELEPHONE AND FACSIMILE NUMBERS.
  - IF APPLICABLE, THE NAME OF THE VESSEL'S CHARTERER.
  - VESSEL'S POSITION AND TIME AT WHICH IT REACHED THAT POSITION.
  - VESSEL'S COURSE AND SPEED.
  - VESSEL'S DESTINATION AND ESTIMATED TIME OF ARRIVAL AT ITS DESTINATION.
  - NAME OF A CONTACT PERSON AT THE MARINE FACILITY THAT IT WILL VISIT AND THEIR 24-HOUR TELEPHONE AND FACSIMILE NUMBERS.
  - THE FOLLOWING INFORMATION IN RESPECT OF TO EACH OF THE LAST TEN MARINE FACILITIES VISITED.
    - THE RECEIVING FACILITY.-COMPANY DEALT WITH.
    - THE MARINE FACILITY VISITED.-PIER AT WHICH YOU BERTHED.
    - THE CITY AND COUNTRY.
    - THE DATE AND TIME OF ARRIVAL. AND
    - THE DATE AND TIME OF DEPARTURE.
 EXAMPLE: ALCAN TERMINAL, BERTH TWO, PORT ALFRED, CANADA,  
04-07-27 1200 UTC, 04-07-29 2400 UTC.
  - A GENERAL DESCRIPTION OF THE CARGO, INCLUDING CARGO AMOUNT AND
  - IF APPLICABLE, THE PRESENCE AND DESCRIPTION OF ANY DANGEROUS SUBSTANCES OR DEVICES ON BOARD.

(091805Z AUG 2004)

272/04(GEN). NORTH ATLANTIC. MAINE.

- LORAN-C STATION CARIBOU, RATES 5930-MASTER AND 9960-W, UNUSABLE 1200Z TO 2000Z DAILY  
16 THRU 25 AUG.
- CANCEL THIS MSG 252100Z AUG.

(111040Z AUG 2004)

273/04(14). NORTH ATLANTIC. ICE.

- RADAR TARGET REPORTED IN 51-59.1N 050-01.7W AT 101200Z AUG.
- CANCEL THIS MSG 17 AUG.

(111405Z AUG 2004)

274/04(GEN).

- NAVAREA IV MESSAGES IN FORCE 110800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 243(GEN), 265(GEN), 270(11,26), 271(GEN), 272(GEN), 273(14), 274(GEN).
- THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
- CANCEL NAVAREA IV 269/04.

(111419Z AUG 2004)

### **SECTION III**

**NM 35/04**

275/04(51). FLORIDA TO AZORES.

48 FOOT M/V NATHANIEL BOWDITCH, GREEN HULL,  
FOUR PERSONS ON BOARD, UNREPORTED FOR TT LAUDERDALE  
TO AZORES. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO COAST GUARD ATLANTIC AREA 757 398 6391/6931.

(111454Z AUG 2004)

**SECTION III****HYDROLANTS**

Messages in force 121200Z August 2004:

2002 series	2414(54)	1019(24)	1162(36)	1266(53)	1314(53,54)
245(GEN)	2416(54)	1033(37)	1174(53)	1269(52)	1320(52)
246(GEN)	2418(52)	1042(53)	1195(24)	1271(53)	1323(55)
2003 series	2419(54)	1051(53)	1199(36)	1272(43)	1325(52)
604(26,27)	2420(54)	1077(57)	1214(36)	1274(24)	1326(53)
1422(53)	2004 series	1084(53,56)	1219(35)	1276(54)	1330(24)
1472(35)	224(24)	1087(GEN)	1220(37)	1279(36)	1331(24)
1999(23)	272(24)	1092(GEN)	1231(35)	1280(57)	1332(55)
2203(53)	631(37)	1103(GEN)	1235(37,51)	1286(36)	1333(55)
2297(24)	649(55)	1104(37,43)	1240(24)	1290(37)	1334(55)
2406(54)	650(55)	1105(GEN)	1241(35)	1297(55)	1335(14)
2407(54)	668(56)	1121(53)	1250(55)	1298(53)	1336(GEN)
2408(54)	805(24)	1130(53)	1251(37)	1300(53)	1337(51)
2409(54)	850(24)	1136(37,43)	1252(36,38)	1303(GEN)	1338(36)
2410(54)	952(35)	1141(57)	1256(37)	1308(53,56)	1339(35)
2413(54)	1018(43)	1146(24)	1265(53)	1311(35,43)	1340(52)

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

**HYDROLANT WARNINGS issued from 051100Z to 121200Z August 2004.**

1299/04. CANCELED.

1300/04(53). TYRRHENIAN SEA.

1. SURVEY OPERATIONS 05 THRU 20 AUG BY  
M/V UNIVERSITATIS ALONG TRACKLINE JOINING  
38-56.4N 015-04.4E, 38-51.6N 014-51.6E,  
38-41.4N 014-54.5E, 38-42.5N 015-09.0E,  
38-37.1N 015-12.2E, 38-28.3N 014-51.3E,  
38-30.6N 015-08.5E, 38-26.1N 014-56.4E,  
38-25.5N 014-59.1E, 38-22.6N 014-55.4E,  
38-23.5N 015-00.6E, 38-22.4N 015-05.1E,  
38-14.0N 015-08.2E, 38-15.2N 015-11.4E,  
38-24.1N 015-12.4E, 38-33.5N 015-20.3E,  
38-38.4N 015-20.4E, 38-42.2N 015-52.6E,  
38-50.4N 015-59.4E, 39-00.3N 015-27.3E,  
38-50.4N 015-26.5E, 38-46.0N 015-26.5E,  
38-47.2N 015-02.5E.

- ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 21 AUG.

(051644Z AUG 2004)

1301/04 and 1302/04. CANCELED.

1303/04(GEN). REPORTING INFORMATION FOR THE NATIONAL  
GEOSPATIAL-INTELLIGENCE AGENCY'S DIGITAL  
NAUTICAL CHART (DNC).

1. THE DISTRIBUTION OF DNC IS AUTHORIZED TO U.S. DEPARTMENT OF DEFENSE AND CONTRACTORS. DNC UPDATED BY THE VECTOR PRODUCT FORMAT (VPF) DATABASE UPDATE (VDU) IS AUTHORIZED FOR NAVIGATION ON CERTIFIED SYSTEMS SUCH AS THE ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM-NAVY (ECDIS-N) OR COMPARABLE SYSTEMS (33 CFR 164.01).
2. THE DNC IS AN UNCLASSIFIED VECTOR-BASED DIGITAL GEOSPATIAL INTELLIGENCE DATABASE DEPICTING SIGNIFICANT FEATURES ESSENTIAL FOR SAFE MARINE NAVIGATION. DNC CONSISTS OF 29 DNC REGIONS AND IS ISSUED ON CD-ROM AND IS ALSO AVAILABLE OVER THE NGA GATEWAY:
  - A. SIPRNET: SP5.STL.NGA.SMIL.MIL/PRODUCTS/DNC1/INDEX.HTM
  - B. JWICS: JWS.STL.NGA.IC.GOV/PRODUCTS/DNC1/INDEX.HTM
3. AUTHORIZED USERS OF DNC ARE REQUESTED TO IMMEDIATELY REPORT ANY SAFETY OF NAVIGATION RELATED DISCREPANCY THAT MAY BE DETECTED ON DNC TO NGA'S 24-HOUR WORLD-WIDE NAVIGATIONAL WARNING SERVICE BROADCAST DESK VIA:
  - A. DMS MESSAGE: NGA NAVSAFETY
  - B. AUTODIN MESSAGE: NGA NAVSAFETY BETHESDA MD
  - C. NIPRNET E-MAIL: NAVSAFETY@NGA.MIL
  - D. SIPRNET E-MAIL: NAVSAFETY@NSCN.NGA.SMIL.MIL
  - E. DSN: 287 3147
  - F. PHONE: COMM: 301 227 3147, 1 800 362 NAVY
  - G. FAX: 301 227 3731
4. IN THE REPORT, THE USER MUST IDENTIFY THE FOLLOWING:
  - A. WHICH ELECTRONIC CHARTING SYSTEM/ECDIS-N, INCLUDING THE SOFTWARE

## SECTION III

VERSION.  
 B. THE DNC LIBRARY NUMBER  
 C. DNC CD EDITION NUMBER  
 D. A DESCRIPTION OF THE DISCREPANCY

5. UPON RECEIPT OF THE REPORT, NGA WILL TAKE IMMEDIATE ACTION TO DETERMINE IF CORRECTIVE ACTION IS NECESSARY AND, IF SO, WILL ADVISE ALL USERS ACCORDINGLY VIA THE HYDROLANT AND HYDROBROADCAST SERVICE.

(051916Z AUG 2004)

1304/04 thru 1307/04. CANCELED.

1308/04(53,56). LIBYA-NORTH COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
 BY M/V AKADEMICH NEMCHIKOV TOWING 8600 METER LONG  
 CABLE IN AREA BOUND BY  
 34-00N 014-00E, 33-00N 014-00E,  
 31-00N 019-00E, 32-00N 019-00E.  
 WIDE BERTH REQUESTED.

(061707Z AUG 2004)

1309/04 and 1310/04. CANCELED.

1311/04(35,43). NORTH SEA.

1. FISHING GEAR ADRIFT IN 56-45.0N 000-39.7E.  
 2. CANCEL THIS MSG 13 AUG.

(062225Z AUG 2004)

1312/04 and 1313/04. CANCELED.

1314/04(53,54). EASTERN MEDITERRANEAN SEA.

1. DERELICT 15 METER VESSEL ADRIFT VICINITY  
 36-02N 017-18E AT 071730Z AUG.  
 2. CANCEL THIS MSG 15 AUG.

(080025Z AUG 2004)

1315/04 thru 1319/04. CANCELED.

1320/04(52). TUNISIA.

1. SURVEY OPERATIONS 10 THRU 25 AUG  
 BY M/V ALBATROS-1 ALONG TRACKLINE BETWEEN  
 33-57.4N 010-38.6E AND 33-50.3N 010-36.4E.  
 1000 METER BERTH REQUESTED.  
 2. CANCEL THIS MSG 26 AUG.

(091226Z AUG 2004)

1321/04 and 1322/04. CANCELED.

1323/04(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0600Z TO 1600Z DAILY  
 12 AND 13, 17 THRU 19 AUG IN AREA BOUND BY  
 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,  
 44-39.0N 032-11.5E, 44-48.4N 032-08.2E,  
 45-00.2N 032-14.2E, 44-52.2N 032-41.6E.  
 2. CANCEL THIS MSG 191700Z AUG.

(100952Z AUG 2004)

1324/04. CANCELED.

1325/04(52). STRAIT OF SICILY.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 122200Z AUG BY M/V CERTEMEN TOWING 1500 METER LONG CABLE IN AREAS:  
 A. WITHIN THREE MILES OF 36-44.1N 014-00.8E.  
 B. WITHIN THREE MILES OF 36-49.6N 013-54.3E.  
 C. WITHIN THREE MILES OF 37-12.5N 012-56.8E.  
 ONE MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 13 AUG.

(101213Z AUG 2004)

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1326/04(53). STRAIT OF SICILY.

1. GEOPHYSICAL OPERATIONS IN PROGRESS UNTIL 15 AUG BY M/V MAERSK DEFENDER TOWING 1000 METER LONG CABLE IN AREAS:
  - A. ALONG TRACKLINE BETWEEN 38-12.16N 013-20.09E AND 38-21.77N 013-02.95E.
  - B. ALONG TRACKLINE BETWEEN 38-11.94N 012-03.63E AND 37-54.26N 011-47.68E.
 ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 16 AUG.

(101228Z AUG 2004)

1327/04 thru 1329/04. CANCELED.

1330/04(24). BRAZIL-NORTH COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1230Z TO 2000Z DAILY 16 TO 20 AUG WITHIN 1.5 MILES OF 02-17S 044-21W.
2. CANCEL THIS MSG 202100Z AUG.

(110501Z AUG 2004)

1331/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 160259Z AUG BY VESSEL CGG SYMPHONY TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN BY 23-50S 24-50S AND 041-10W 040-25W. FOUR MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1296/04.
3. CANCEL THIS MSG 160359Z AUG.

(110513Z AUG 2004)

1332/04(55). BLACK SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0400Z TO 1900Z DAILY 12 THRU 14 AUG IN AREAS BOUND BY:
  - A. 42-11.0N 041-05.0E, 41-46.0N 041-08.0E, 42-24.0N 039-45.0E, 42-50.0N 039-48.0E.
  - B. 42-33.0N 041-02.0E, 42-11.0N 041-05.0E, 42-26.0N 039-28.0E, 42-44.0N 039-29.0E.
  - C. 42-10.0N 041-25.5E, 41-00.0N 041-26.5E, 42-00.0N 041-05.0E, 42-10.0N 041-06.5E.
2. CANCEL THIS MSG 142000Z AUG.

(111319Z AUG 2004)

1333/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1500Z TO 2200Z DAILY 16 AND 17 AUG, AND 0530Z TO 2200Z DAILY 18 AND 19 AUG IN AREA BOUND BY 45-03.5N 036-22.5E, 44-52.1N 036-22.5E, 44-49.6N 035-50.5E, 44-59.9N 035-50.5E.
2. CANCEL THIS MSG 192300Z AUG.

(111341Z AUG 2004)

1334/04(55). BLACK SEA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 151530Z TO 151830Z AND 160430Z TO 160930Z AUG IN AREA BOUND BY 44-24.1N 033-14.5E, 44-26.7N 033-18.0E, 44-24.2N 033-21.3E, 44-21.5N 033-17.7E.
2. CANCEL THIS MSG 161030Z AUG.

(111352Z AUG 2004)

1335/04(14). NORTH ATLANTIC. ICE.

1. RADAR TARGET REPORTED IN 51-59.1N 050-01.7W AT 101200Z AUG.
2. CANCEL THIS MSG 17 AUG.

(111401Z AUG 2004)

1336/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 110800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 1103(GEN), 1104(37,43), 1105(GEN), 1121(53), 1130(53), 1136(37,43), 1141(57), 1146(24), 1162(36), 1174(53), 1195(24), 1199(36), 1214(36), 1219(35), 1220(37), 1231(35), 1235(37,51), 1240(24), 1241(35), 1250(55), 1251(37), 1252(36,38), 1256(37), 1265(53), 1266(53), 1269(52), 1271(53), 1272(43), 1274(24), 1276(54), 1279(36), 1280(57), 1286(36), 1287(36), 1290(37), 1297(55), 1298(53), 1300(53), 1302(53), 1303(GEN), 1307(54), 1308(53,56), 1311(35,43), 1314(53,54), 1320(52), 1323(55), 1325(52), 1326(53), 1330(24), 1331(24), 1332(55), 1333(55), 1334(55), 1335(14), 1336(55).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROLANT 1089/04, 1299/04.

(111424Z AUG 2004)

SECTION III

1337/04(51). FLORIDA TO AZORES.

48 FOOT M/V NATHANIEL BOWDITCH, GREEN HULL,  
FOUR PERSONS ON BOARD, UNREPORTED FORT LAUDERDALE  
TO AZORES. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO COAST GUARD ATLANTIC AREA 757 398 6391/6931.

(111446Z AUG 2004)

1338/04(36). WALES-NORTHWEST COAST.

CHART 36122 (12TH ED).  
DGPS STATION AT POINT LYNAS LIGHT 53-25.0N 004-17.3W  
AT REDUCED POWER.

(112011Z AUG 2004)

1339/04(35). SCOTLAND-NORTH COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V GEO SEARCHER TOWING TWO MILE LONG CABLE WITHIN  
FIVE MILES OF 58-57N 007-54W. WIDE BERTH REQUESTED.

(112100Z AUG 2004)

1340/04(52). TUNISIA.

1. SURVEY OPERATIONS 10 THRU 25 AUG  
BY M/V ALBATROS-1 ALONG TRACKLINE JOINING  
33-47.4N 010-38.6E, 33-50.3N 010-36.4E,  
34-01.1N 010-20.3E.  
1000 METER BERTH REQUESTED.  
2. CANCEL HYDROLANT 1320/04.  
3. CANCEL THIS MSG 26 AUG.

(121046Z AUG 2004)

## SECTION III

## NAVAREA XII

Messages in force 121200Z August 2004:

2004 series	197(GEN)	225(18)	227(GEN)
186(17)	218(19)	226(GEN)	

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

**NAVAREA XII WARNINGS issued from 051100Z to 121200Z August 2004.**

224/04. CANCELED.

225/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:
  - A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
  - B. 33-52N 119-06W. TO THE SHORELINE.
  - C. 33-29N 119-07W. N. 34-24N 120-30W.
  - D. 33-29N 118-37W. O. 34-08N 120-26W.
  - E. 33-20N 118-37W. P. 34-08N 119-40W.
  - F. 32-11N 120-16W. Q. 34-00N 119-40W.
  - G. 31-54N 121-35W. R. 34-06N 119-13W.
  - H. 35-09N 123-39W. S. 34-06N 119-11W.
  - I. 35-29N 123-00W. T. 34-07N 119-10W.
  - J. 35-04N 122-43W. U. 34-07N 119-07W.
  - K. 35-57N 121-32W. V. 34-04N 119-04W.
  - L. 34-59N 120-42W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 221/04.

(081752Z AUG 2004)

226/04(GEN). PREARRIVAL INFORMATION REPORT (PAIR)  
REQUIREMENTS PRIOR TO ENTERING CANADIAN  
WATERS (96-HOUR NOTIFICATION).

1. ALL VESSELS SUBJECT TO THE MARINE TRANSPORTATION SECURITY REGULATIONS FOR CANADA ARE REQUIRED TO SUBMIT THEIR 96-HOUR PREARRIVAL INFORMATION REPORT (PAIR) AND A TRUE COPY OF THEIR INTERNATIONAL SHIP SECURITY CERTIFICATE OR INTERIM SHIP SECURITY CERTIFICATE TO A CANADIAN MARINE COMMUNICATION AND TRAFFIC SERVICE CENTER.
2. PAIR 96-HOUR NOTIFICATION SHOULD BE SENT TO:  
VESSELS INBOUND TO CANADIAN WATERS ON THE WEST COAST:  
E-mail: RMIC-PACIFIC@PAC.DFO-MPO.GC.CA  
TELEX: 04352586  
FAX: 604 666 8453
3. ALL VESSELS ARE REQUIRED TO SEND THEIR COMPLETE PAIR PLUS A COPY OF THEIR INTERNATIONAL SHIP SECURITY CERTIFICATE (ISSC) OR INTERIM CERTIFICATE (IISC). ANY VESSEL WITH AN INCOMPLETE PAIR OR MISSING ISSC OR IISC WILL BE DENIED ENTRY INTO CANADIAN WATERS. IT IS THE RESPONSIBILITY OF THE MASTER OF THE VESSEL TO ENSURE THAT ALL THE INFORMATION PROVIDED TO TRANSPORT CANADA IS COMPLETE AND CORRECT. TRANSPORT CANADA WILL BE IN COMMUNICATION WITH THE VESSEL ONLY WHEN SEEKING ADDITIONAL INFORMATION.
4. ANY VESSEL THAT ENTERS CANADIAN WATERS AFTER HAVING BEEN DENIED ENTRY INTO CANADIAN WATERS MAY BE SUBJECTED TO THE FOLLOWING CONTROL ACTIONS, AT THE DISCRETION OF TRANSPORT CANADA:  
A. THE VESSEL MAY BE DETAINED.  
B. THE VESSEL MAY BE REDIRECTED.  
C. THE VESSEL MAY BE EXPELLED.
5. THE PRE-ARRIVAL INFORMATION REPORT (PAIR) SHALL INCLUDE THE FOLLOWING INFORMATION:  
A. VESSEL'S NAME.  
B. COUNTRY OF REGISTRY.

## SECTION III

- C. NAME OF VESSEL'S REGISTERED OWNER.
- D. NAME OF ITS OPERATOR.
- E. NAME OF VESSEL'S CLASSIFICATION SOCIETY.
- F. VESSEL'S INTERNATIONAL RADIO CALL SIGN.
- G. VESSEL'S INTERNATIONAL SHIP SECURITY CERTIFICATE, CANADIAN VESSEL SECURITY CERTIFICATE OR SHIP SECURITY COMPLIANCE DOCUMENT NUMBER.
- H. THE DATE OF ISSUANCE, DATE OF EXPIRY AND NAME OF THE ISSUING BODY OF ITS INTERNATIONAL SHIP SECURITY CERTIFICATE, CANADIAN VESSEL SECURITY CERTIFICATE, OR SHIP SECURITY DOCUMENT.
- I. VESSEL'S INTERNATIONAL MARITIME ORGANIZATION NUMBER, IF IT IS A SOLAS SHIP.
- J. CONFIRMATION THAT THE VESSEL HAS AN APPROVED VESSEL SECURITY PLAN.
- K. THE VESSEL'S CURRENT MARSEC LEVEL.
- L. A STATEMENT OF WHEN ITS LAST TEN DECLARATIONS OF SECURITY WERE COMPLETED.
- M. DETAILS OF ANY SECURITY THREATS TO THE VESSEL DURING THE LAST TEN CALLS AT MARINE FACILITIES.
- N. A STATEMENT AS TO WHETHER THE VESSEL CONSENTS TO TRACKING BY THE CANADIAN GOVERNMENT.
- O. DETAILS OF ANY DEFICIENCIES IN ITS SECURITY EQUIPMENT AND SYSTEMS, INCLUDING THE COMMUNICATION SYSTEMS, AND THE WAY IN WHICH THE MASTER OF THE VESSEL INTENDS TO RECTIFY THEM.
- P. IF APPLICABLE, THE NAME OF IT'S AGENT AND CONTACT PERSON AND THEIR 24-HOUR TELEPHONE AND FACSIMILE NUMBERS.
- Q. IF APPLICABLE, THE NAME OF THE VESSEL'S CHARTERER.
- R. VESSEL'S POSITION AND TIME AT WHICH IT REACHED THAT POSITION.
- S. VESSEL'S COURSE AND SPEED.
- T. VESSEL'S DESTINATION AND ESTIMATED TIME OF ARRIVAL AT ITS DESTINATION.
- U. NAME OF A CONTACT PERSON AT THE MARINE FACILITY THAT IT WILL VISIT AND THEIR 24-HOUR TELEPHONE AND FACSIMILE NUMBERS.
- V. THE FOLLOWING INFORMATION IN RESPECT OF EACH OF THE LAST TEN MARINE FACILITIES VISITED.
  - I. THE RECEIVING FACILITY-COMPANY DEALT WITH.
  - II. THE MARINE FACILITY VISITED-PIER AT WHICH YOU BERTHED.
  - III. THE CITY AND COUNTRY.
  - IV. THE DATE AND TIME OF ARRIVAL.
  - V. THE DATE AND TIME OF DEPARTURE.
 EXAMPLE: ALCAN TERMINAL, BERTH TWO, PORT ALFRED, CANADA,  
04-07-27 1200 UTC, 04-07-29 2400 UTC.
- W. A GENERAL DESCRIPTION OF THE CARGO, INCLUDING CARGO AMOUNT AND
- X. IF APPLICABLE, THE PRESENCE AND DESCRIPTION OF ANY DANGEROUS SUBSTANCES OR DEVICES ON BOARD.

(091810Z AUG 2004)

227/04(GEN).

- 1. NAVAREA XII MESSAGES IN FORCE 110800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 218(19), 225(18), 226(GEN), 227(GEN).
- 2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
- 3. CANCEL NAVAREA XII 224/04.

(111428Z AUG 2004)

### SECTION III

NM 35/04

#### HYDROPACS

Messages in force 121200Z August 2004:

2001 series	694(62)	1000(63)	1124(74)	1219(71)	1282(95)
1976(62)	727(22)	1011(62)	1127(93)	1220(95)	1284(74)
2002 series	754(62)	1025(74)	1128(22)	1221(95)	1285(62)
205(GEN)	763(62)	1033(62)	1135(GEN)	1222(95)	1286(22)
206(GEN)	776(29)	1044(61)	1138(75)	1225(95)	1288(62)
2330(62)	778(75)	1049(61)	1139(93)	1227(71,93)	1289(62)
2003 series	779(97)	1050(74)	1143(73,74)	1229(95)	1293(62)
207(62)	795(62)	1052(74)	1146(81)	1232(95)	1295(71)
506(62)	801(61)	1066(62)	1151(63)	1233(95)	1297(81)
993(62)	817(74)	1076(74)	1152(63)	1238(81,92)	1298(63)
998(71)	840(63)	1081(74)	1153(63,71)	1239(81,92)	1305(63)
1041(71)	842(61)	1082(GEN)	1155(63)	1244(74)	1306(97)
1330(62)	843(61)	1084(62)	1156(63)	1254(62)	1309(96)
1395(62)	890(71)	1089(GEN)	1157(75)	1263(63)	1310(83)
1699(63)	891(71)	1090(GEN)	1167(22)	1265(74,76,82)	1311(63)
1911(62)	904(63)	1092(63)	1177(GEN)	1266(96)	1312(GEN)
1982(GEN)	910(22)	1096(GEN)	1180(22)	1268(93)	1313(83)
2265(62)	932(22)	1101(61)	1182(71)	1271(63)	1314(83)
2004 series	940(62)	1107(74)	1192(63)	1272(GEN)	1316(81)
23(62)	948(96)	1112(74)	1193(71)	1273(63)	
278(63)	967(74)	1113(74)	1214(63)	1274(81)	
329(71)	981(74)	1115(63)	1215(63)	1275(63)	
402(62)	988(63)	1122(63)	1216(93)	1278(63)	
455(73)	996(94,95)	1123(63)	1218(95)	1281(93)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

#### HYDROPAC WARNINGS issued from 051100Z to 121200Z August 2004.

1270/04. CANCELED.

1271/04(63). ANDAMAN SEA.  
CHART 63380 (1ST ED).

1. DGPS STATION AT KEATING POINT LIGHT 09-15.4N 092-46.5E  
CHANGED TO: 317 KHZ.
2. CANCEL HYDROPAC 1163/04, AID RESTORED.

(051203Z AUG 2004)

1272/04(GEN). REPORTING INFORMATION FOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S DIGITAL NAUTICAL CHART (DNC).

1. THE DISTRIBUTION OF DNC IS AUTHORIZED TO U.S. DEPARTMENT OF DEFENSE AND CONTRACTORS. DNC UPDATED BY THE VECTOR PRODUCT FORMAT (VPF) DATABASE UPDATE (VDU) IS AUTHORIZED FOR NAVIGATION ON CERTIFIED SYSTEMS SUCH AS THE ELECTRONIC CHART DISPLAY AND INFORMATION SYSTEM-NAVY (ECDIS-N) OR COMPARABLE SYSTEMS (33 CFR 164.01).
2. THE DNC IS AN UNCLASSIFIED VECTOR-BASED DIGITAL GEOSPATIAL INTELLIGENCE DATABASE DEPICTING SIGNIFICANT FEATURES ESSENTIAL FOR SAFE MARINE NAVIGATION. DNC CONSISTS OF 29 DNC REGIONS AND IS ISSUED ON CD-ROM AND IS ALSO AVAILABLE OVER THE NGA GATEWAY:
  - A. SIPRNET: SPS.STL.NGA.SMIL.MIL/PRODUCTS/DNC1/INDEX.HTM
  - B. JWICS: JWS.STL.NGA.IC.GOV/PRODUCTS/DNC1/INDEX.HTM
3. AUTHORIZED USERS OF DNC ARE REQUESTED TO IMMEDIATELY REPORT ANY SAFETY OF NAVIGATION RELATED DISCREPANCY THAT MAY BE DETECTED ON DNC TO NGA'S 24-HOUR WORLD-WIDE NAVIGATIONAL WARNING SERVICE BROADCAST DESK VIA:
  - A. DMS MESSAGE: NGA NAVSAFETY
  - B. AUTODIN MESSAGE: NGA NAVSAFETY BETHESDA MD
  - C. NIPRNET E-MAIL: NAVSAFETY@NGA.MIL
  - D. SIPRNET E-MAIL: NAVSAFETY@NSCN.NGA.SMIL.MIL
  - E. DSN: 287 3147
  - F. PHONE: COMM: 301 227 3147, 1 800 362 NAVY
  - G. FAX: 301 227 3731
4. IN THE REPORT, THE USER MUST IDENTIFY THE FOLLOWING:
  - A. WHICH ELECTRONIC CHARTING SYSTEM/ECDIS-N, INCLUDING THE SOFTWARE VERSION.
  - B. THE DNC LIBRARY NUMBER
  - C. DNC CD EDITION NUMBER
  - D. A DESCRIPTION OF THE DISCREPANCY
5. UPON RECEIPT OF THE REPORT, NGA WILL TAKE IMMEDIATE ACTION TO

**NM 35/04**

### **SECTION III**

DETERMINE IF CORRECTIVE ACTION IS NECESSARY AND, IF SO, WILL ADVISE ALL USERS ACCORDINGLY VIA THE HYDROLANT AND HYDROPAC BROADCAST SERVICE.

(051600Z AUG 2004)

1273/04(63). INDIA-WEST COAST.  
CHART 63091 (4TH ED).  
HAZIRA DGPS STATION 21-05.5N 072-38.6E  
CHANGED TO: 314 KHZ.

(052051Z AUG 2004)

1274/04(81). NORTH PACIFIC.  
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 05-42.5N 152-48.2E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO USCG GUAM,  
TELEX: 392 401.

(060629Z AUG 2004)

1275/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z  
DAILY 10 AND 13 AUG IN AREA BOUND BY  
09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 131630Z AUG.

(061401Z AUG 2004)

1276/04 and 1277/04. CANCELED.

1278/04(63). INDIA-EAST COAST.  
CHART 63015 (11TH ED).  
BHIMUNIPATAM LIGHT 17-53.7N 083-27.1E UNLIT.

(061504Z AUG 2004)

1279/04 and 1280/04. CANCELED.

1281/04(93). GULF OF THAILAND.  
SEISMIC SURVEY 07 AUG UNTIL FURTHER NOTICE  
BY M/V GEKO EAGLE TOWING EIGHT FOUR MILE LONG  
CABLES IN AREA BETWEEN 05-25N 06-00N AND  
104-02E 105-40E.

(061653Z AUG 2004)

1282/04(95). YELLOW SEA.

1. TEN METER LONG STEEL PIPE ADRIFT IN 36-01.7N 126-03.2E  
AT 061155Z AUG.
2. CANCEL THIS MSG 13 AUG.

(062154Z AUG 2004)

1283/04. CANCELED.

1284/04(74). AUSTRALIA-NORTHWEST COAST.  
1. DERELICT 10 METER F/V PARTIALLY SUBMERGED AND ADRIFT  
IN 12-19S 127-53E AT 061845Z AUG.  
2. CANCEL THIS MSG 13 AUG.

(070655Z AUG 2004)

1285/04(62). PERSIAN GULF.

1. PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY BARGE DB-27 IN 26-17.32N 051-41.15E.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROPAC 1261/04.

(070840Z AUG 2004)

1286/04(22). SOUTH PACIFIC.

MAN OVERBOARD IN 17-21S 087-59W. VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO MRCC PERU,  
PHONE: 51 1 420 2020, FAX: 51 1 429 1547 OR  
RCC ALAMEDA, TELEX: 2301 72343, PHONE: 510 437 3701.

(072330Z AUG 2004)

1287/04. CANCELED.

1288/04(62). PERSIAN GULF. HAZARDOUS OPERATIONS.  
1. HAZARDOUS OPERATIONS 0400Z TO 0900Z DAILY  
08 THRU 31 AUG IN AREA BOUND BY  
24-43N 051-45E, 24-49N 052-16E,  
24-58N 052-16E, 24-53N 051-45E.  
2. CANCEL THIS MSG 311000Z AUG.

(081008Z AUG 2004)

### SECTION III

NM 35/04

1289/04(62). ARABIAN SEA.

M/V JAN DLUGOSZ REPORTS CREWMAN REQUIRING MEDICAL ASSISTANCE IN 13-57N 056-15E. VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO VESSEL, INMARSAT-C: 4212 33910 OR JRCC STAVANGER, TELEX: 0056 33163, PHONE: 475 151 7000, FAX: 475 165 2334.

(081106Z AUG 2004)

1290/04 thru 1292/04. CANCELED.

1293/04(62). PERSIAN GULF. IRAQ.

1. THE PORTS OF IRAQ ARE OPEN TO SERVE THE INTERNATIONAL TRADE AND BUSINESS COMMUNITY. NOTE: ALL SHIPPING (HUMANITARIAN AND COMMERCIAL) TO THE PORTS OF IRAQ MUST BE COORDINATED DIRECTLY WITH THE IRAQ PORT AUTHORITY (IPA). UNTIL SEPTEMBER 30, 2004 THE IPA WILL BE ASSISTED BY SSA MARINE IN THE PREPARATION OF THE INITIAL BILLING AND COLLECTION OF PORT MARINE FEES AND OTHER CHARGES BY WIRE TRANSFER. PLEASE SEE THE UMM QASR PORT TARIFF AT UMM QASR PORT TARIFF [HTTP://WWW.SSAMARINE.COMLOCATIONS/UMM\\_QASR\\_PORT\\_TARIFF.PDF](http://WWW.SSAMARINE.COMLOCATIONS/UMM_QASR_PORT_TARIFF.PDF)
2. THE FOLLOWING ARE THE REQUIRED STEPS TO BOOK:
  - A. VESSEL AGENT MUST FILL OUT "VESSEL BOOKING FORM" COMPLETELY AND RETURN TO MR. SADIQ RESSN AT PORT OPERATIONS, UMM QASR, AT LEAST 5 WORKING DAYS PRIOR TO ARRIVAL. (FOR ELECTRONIC COPY OF THE VESSEL BOOKING FORM, PLEASE CONTACT THE POINTS OF CONTACTS LISTED BELOW.)
  - B. AGENT MUST SUPPLY CARGO MANIFEST AT LEAST 48 HOURS IN ADVANCE OF VESSEL ARRIVAL. THE IRAQ PORT AUTHORITY (IPA) PREFERENCES FIVE WORKING DAYS ADVANCE NOTICE.
  - C. BASED ON THE MANIFEST AND VESSEL BOOKING FORM, IPA (ASSISTED BY SSA MARINE) WILL PROVIDE THE AGENT WITH AN ESTIMATE OF PORT FEES AND CHARGES. THESE CHARGES MUST BE PAID 24 HOURS BEFORE VESSEL ARRIVAL AT UMM QASR.
  - D. IPA WILL NOTIFY THE MARITIME SECURITY FORCE (MSF) THAT THE VESSEL IS CLEARED AND PILOTS AND TUGS WILL BE DISPATCHED TO MEET THE VESSEL AT THE DESIGNATED TIME AND DAY.
  - E. AGENT MUST NOTIFY IRAQI CUSTOMS OF VESSEL E.T.A. AT THE BERTH. CUSTOMS OFFICER WILL BOARD THE VESSEL AND CLEAR IT FOR CARGO OPERATIONS.
  - F. UNTIL SECURITY ISSUES CAN BE FURTHER ADDRESSED, ALL CARGO DISCHARGING AT UMM QASR MUST DELIVER DIRECTLY TO AWAITING TRUCKS FOR IMMEDIATE DISPATCH OUT OF THE TERMINAL.
3. PROCEDURES FOR PAYMENT AT UMM QASR PORT (REFERENCE IS MADE TO PORT TARIFF, PAGE 2 OF 10, ITEM # 012 UMM QASR PORT TARIFF [HTTP://WWW.SSAMARINE.COMLOCATIONS/UMM\\_QASR\\_PORT\\_TARIFF.PDF](http://WWW.SSAMARINE.COMLOCATIONS/UMM_QASR_PORT_TARIFF.PDF))
  - A. THE AGENT MUST ACKNOWLEDGE RECEIPT OF PROFORMA DISBURSEMENT AMOUNT (PDA) AND A STATEMENT OF INTENTION TO PAY MUST BE RECEIVED BY THE IPA PRIOR TO ANY PORT SERVICES BEING RENDERED. THIS INCLUDES PILOTAGE SERVICES.
  - B. WIRE TRANSFER PAYMENT OF PORT MARINE FEES AND CHARGES (VESSEL RELATED CHARGES) MUST BE INITIATED PRIOR TO OPENING HATCHES OR COMMENCING CARGO OPERATIONS.
  - C. PDA CHARGES FOR CARGO AND TERMINAL HANDLING ARE TO BE PAID AND COLLECTED PER THE SCHEDULE OF CHARGES FOR OPERATION CHARGES PORT HANDLING CHARGES (PHC) AND VERTICAL STEVEDORING CHARGES) IN ORDER FOR THE VESSEL TO OBTAIN OUTWARD CLEARANCE.
  - D. FINAL INVOICE WILL BE PREPARED SEVEN DAYS AFTER VESSEL'S SAILING AND IS DUE AND PAYABLE ON PRESENTATION. FAILURE TO PAY PER FINAL INVOICE AFTER 30 DAYS MAY INCUR PENALTIES IN ACCORDANCE WITH T.I. # 013.
4. THE IRAQ PORT AUTHORITY HAS FINAL AUTHORITY FOR CLEARANCES FOR VESSELS ENTERING/EXITING THE PORTS OF IRAQ. THE MARITIME SECURITY FORCE (MSF) ASSISTS THE IRAQ PORT AUTHORITY (IPA) AS STIPULATED IN UNSCR 1546. IN ORDER FOR THE MSF TO DEAL DIRECTLY WITH THE IPA CONCERNING CARGO VESSELS ENTERING/EXITING IRAQ VESSEL CLEARANCE, CLEARANCE PROTOCOLS NEED TO BE ESTABLISHED. THE MSF CURRENT HAS A CLEARANCE RELATIONSHIP WITH IRAQ GOVERNMENT'S STATE OIL MARKETING ORGANIZATION (SOMO) UNDER MUTUALLY ACCEPTABLE PROTOCOLS. SOMO PROVIDES A LIST OF CLEARED VESSELS CONCERNING OIL IMPORT AND EXPORT ON A ROUTINE BASIS. THE MSF WILL REPORT TO THE IPA ANY VESSELS THAT ARE ATTEMPTING TO TRANSIT THE CHECKPOINT THAT ARE NOT PROPERLY CLEARED.
5. SHIPPING COMPANIES AND AGENTS MUST DEAL DIRECTLY WITH THE IPA TO RESOLVE CLEARANCE ISSUES. CURRENT PROCEDURE FOR DENYING TRANSIT IS AS FOLLOWS:
  - A. INBOUND UNCLEARED VESSELS - THEY ARE TO DEPART THE TTW OF IRAQ AND ARE INSTRUCTED TO CONTACT THEIR APPROPRIATE SHIPPING AGENT TO GET CLEARANCE AUTHORIZED BY THE IPA.
  - B. OUTBOUND UNCLEARED VESSELS - THEY ARE TO RETURN TO PORT OR ARE TO ANCHOR IN THE VICINITY OF BUOY 36 AND ARE INSTRUCTED TO CONTACT THEIR APPROPRIATE SHIPPING AGENT TO GET CLEARANCE AUTHORIZED BY THE IPA.

C. CLEARANCE PROTOCOL STEPS ARE AS FOLLOWS:

**NM 35/04**

### **SECTION III**

I. SHIPPING COMPANIES, AGENTS AND OCEAN CARRIERS SHOULD DIRECTLY CONTACT THE IPA OFFICES AT UMM QASR FIVE WORKING DAYS BEFORE THE ANTICIPATED VESSEL ARRIVAL. THE IPA BOOKING FORM SHOULD BE USED TO ADVISE THE AUTHORIZED POINT-OF-CONTACT (POC) OF AN ARRIVING VESSEL INTO IRAQI PORTS INCLUDING, BUT NOT LIMITED TO, UMM QASR AND AZ ZUBAYR.

II. MR. SADIQ RESSN, ASSISTANT PORT MANAGER UMM QASR, HAS BEEN APPOINTED AS THE AUTHORIZED POC. HE SHOULD BE ADVISED OF ALL VESSEL ARRIVALS OR DEPARTURES AT: E-MAIL: UMMQASRPORT@YAHOO.COM OR UMMQASRPORT@HOTMAIL.COM; PHONE: 965 638 8587.

III. THE IPA REQUIRES THE FOLLOWING INFORMATION: VESSEL'S NAME, FLAG, CALL SIGN, VESSEL METRICS, CARGO, AGENT, LAST PORT OF CALL AND DATES OF ARRIVAL AND DEPARTURE.

For more information: [HTTP://WWW.SSAMARINE.COMLOCATIONS/UMM\\_QASR\\_PORT\\_TARIFF.PDF](HTTP://WWW.SSAMARINE.COMLOCATIONS/UMM_QASR_PORT_TARIFF.PDF)  
(081827Z AUG 2004)

1294/04. CANCELED.

1295/04(71). MALACCA STRAIT.  
CHART 71275 (3RD ED).  
RACON AT GOSONG CLARK, SE LIGHT 01-42.6N 102-24.2E OFF AIR.

(090740Z AUG 2004)

1296/04. CANCELED.

1297/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0645Z TO 1215Z DAILY  
UNTIL 14 AUG IN AREAS BOUND BY:  
A. 09-24N 167-28E, 12-36N 163-37E, 08-12N 162-00E.  
B. 09-24N 167-28E, 13-00N 169-56E, 13-45N 167-41E.
2. CANCEL THIS MSG 141315Z AUG.

(091247Z AUG 2004)

1298/04(63). INDIA-WEST COAST, HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1330Z TO 1700Z DAILY  
11 AND 12 AUG IN AREAS:  
A. WITHIN FIVE MILES OF 08-31.9N 076-52.1E  
BETWEEN 190 DEGREES AND 300 DEGREES FROM COAST.  
B. WITHIN 75 MILES OF 08-31.9N 076-52.1E  
BETWEEN 220 DEGREES AND 260 DEGREES FROM COAST.
2. CANCEL THIS MSG 121800Z AUG.

(091321Z AUG 2004)

1299/04 thru 1304/04. CANCELED.

1305/04(63). ANDAMAN SEA.

CHART 63370 (1ST ED).  
EAST ISLAND DGPS STATION 13-37.8N 093-08.0E  
CHANGED TO: 313 KHZ.

(101323Z AUG 2004)

1306/04(97). NANSEI SHOTO.

1. CONTAINER ADRIFT VICINITY 24-13.0N 136-18.7E  
AT 090830Z AUG.
2. CANCEL THIS MSG 16 AUG.

(101512Z AUG 2004)

1307/04 and 1308/04. CANCELED.

1309/04(96). SEA OF OKHOTSK.

1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 25 SEP  
BY M/V GELOVANY TOWING 300 METER LONG CABLE  
IN AREA BOUND BY  
51-00N 144-13E, 53-31N 144-13E,  
53-13N 146-40E, 51-42N 146-40E,  
51-42N 145-13E, 51-00N 145-13E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 26 SEP.

(111019Z AUG 2004)

1310/04(83). FIJI ISLANDS.

CHART 83500 (1ST ED).  
WELANGILALA LIGHT 16-45.2S 179-06.3W UNLIT  
AND RACON INOPERATIVE.

(111027Z AUG 2004)

### **SECTION III**

**NM 35/04**

1311/04(63). MUMBAI HARBOR.  
CHART 63101 (15TH ED).  
SOUTH ENTRANCE BUOY 18-50.3N 072-48.6E  
UNLIT.

(111146Z AUG 2004)

1312/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 110800Z AUG 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2004 SERIES: 1090(GEN), 1092(63), 1096(GEN), 1101(61), 1107(74), 1112(74), 1113(74), 1115(63), 1121(83), 1122(63), 1123(63), 1124(74), 1127(93), 1128(22), 1135(GEN), 1138(75), 1139(93), 1143(73,74), 1146(81), 1151(63), 1152(63), 1153(63,71), 1155(63), 1156(63), 1157(75), 1167(22), 1177(GEN), 1180(22), 1182(71), 1192(63), 1214(63), 1215(63), 1216(93), 1218(95), 1219(71), 1220(95), 1221(95), 1222(95), 1225(95), 1227(71,93), 1229(95), 1232(95), 1233(95), 1238(81,92), 1239(81,92), 1244(74), 1254(62), 1265(74,76,82), 1266(96), 1268(93), 1271(63), 1272(GEN), 1273(63), 1274(81), 1275(63), 1278(63), 1281(93), 1282(95), 1284(74), 1285(62), 1286(22), 1288(62), 1289(62), 1293(62), 1295(71), 1297(81), 1298(63), 1305(63), 1306(97), 1309(96), 1310(83), 1311(63), 1312(GEN).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 26/04.
3. CANCEL HYDROPAC 1065/04, 1270/04.

(111431Z AUG 2004)

1313/04(83). FIJI ISLANDS.

CHART 83500 (1ST ED).  
WELANGILALA LIGHT 16-45.2S 179-06.3W UNLIT  
AND RACON INOPERATIVE.

(120202Z AUG 2004)

1314/04(83). FIJI ISLAND.

CHART 83500 (1ST ED).  
LIGHTS UNLIT:  
1. CAPE WASHINGTON LIGHT 19-07S 177-58E.  
2. NAGGELE LEVU LIGHT 16-05.4S 179-08.8E.  
3. CANCEL HYDROPAC 1077/04.

(120225Z AUG 2004)

1315/04. CANCELED.

1316/04(81). NORTH PACIFIC. MISSILES.

1. HAZARDOUS OPERATIONS 0645Z TO 1215Z DAILY  
15 THRU 17 AUG IN AREAS BOUND BY:  
A. 09-24N 167-28E, 12-36N 163-37E, 08-12N 162-00E.  
B. 09-24N 167-28E, 13-00N 169-56E, 13-45N 167-41E.
2. CANCEL THIS MSG 171315Z AUG.

(120658Z AUG 2004)

1317/04. CANCELED.

### **MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 12 August 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

**SECTION III**

**SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 12 August 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

**MARINE INFORMATION****UNITED STATES OF AMERICA NOTICE TO MARINERS VIA E-MAIL**

To subscribe to the US Notice to Mariners via e-mail, go to <http://pollux.nss.nga.mil>. Then click on the “Subscribe to the US Notice to Mariners Via E-mail” link, which is located halfway down the page.

Upon subscribing successfully the US Notice to Mariners will be e-mailed to the requesting address every weekend, with the following limitations:

The notice sent via e-mail is listed on the Maritime Safety Information (MSI) Website in the “Notice to Mariners” section as “Entire NtM”. Graphics provided in this version are inadequate for navigation purposes. Navigation-quality chartlets are available for download on the MSI website as needed.

Many networks and e-mail applications have restrictions on file sizes for e-mail attachments. In order to ensure all notices are received, the limit on file sizes for the receiving account should be changed to 2.5 Mb. Contact your system administrator or help desk for more assistance.

In order to subscribe, the customer must be logged into the e-mail account to which they wish the notice sent. When the hyperlink below is selected, an e-mail window is generated with the “To” and “From” addresses filled out. The “Subject” and “Body” will be blank. Selecting “Send” subscribes the user to the e-mailed Notice to Mariners.

Instructions to unsubscribe from the notice are included in each Notice to Mariners e-mail.

**UNITED STATES OF AMERICA NOTICE TO MARINERS CHANGE IN DISTRIBUTION**

The National Geospatial-Intelligence Agency (NGA) is in the midst of a hard copy to digital transition program. NGA has statutory requirements to produce and make available safety of navigation data and will continue to meet this obligation to the mariner. The weekly Notice to Mariners is available free of charge to all customers through the Internet on our website. Beginning with Notice to Mariners No. 1, 2005 NGA will no longer print and distribute hard copy versions of this weekly product.

The digital version of the weekly Notice to Mariners is available on the Maritime Safety Information website at <http://pollux.nss.nga.mil/> or through the NGA home page ([www.nga.mil](http://www.nga.mil)). All of the information and data contained in the hard copy Notice is also available on this website. Customers can rely on the same quality of data that the Notice to Mariners provides to the civil and military mariner with the advantages afforded by the Internet. Customers can access daily navigational safety updates and not be hampered by weekly mail deliveries of the hard copy Notice.

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Email address \_\_\_\_\_

Date of Observation \_\_\_\_\_ Time of Observation (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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User Feedback (continue on additional sheets as necessary)

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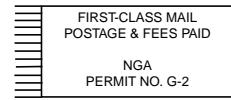
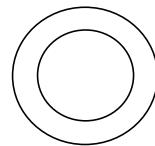
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is hazard remotely monitored? Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, list Internet URL where most recent position will be posted (if any): \_\_\_\_\_

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

Date of Insertion \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Date of Expected Removal \_\_\_\_\_

Most Recent Observation: Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

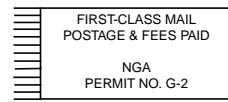
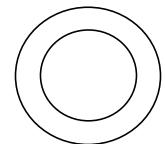
Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

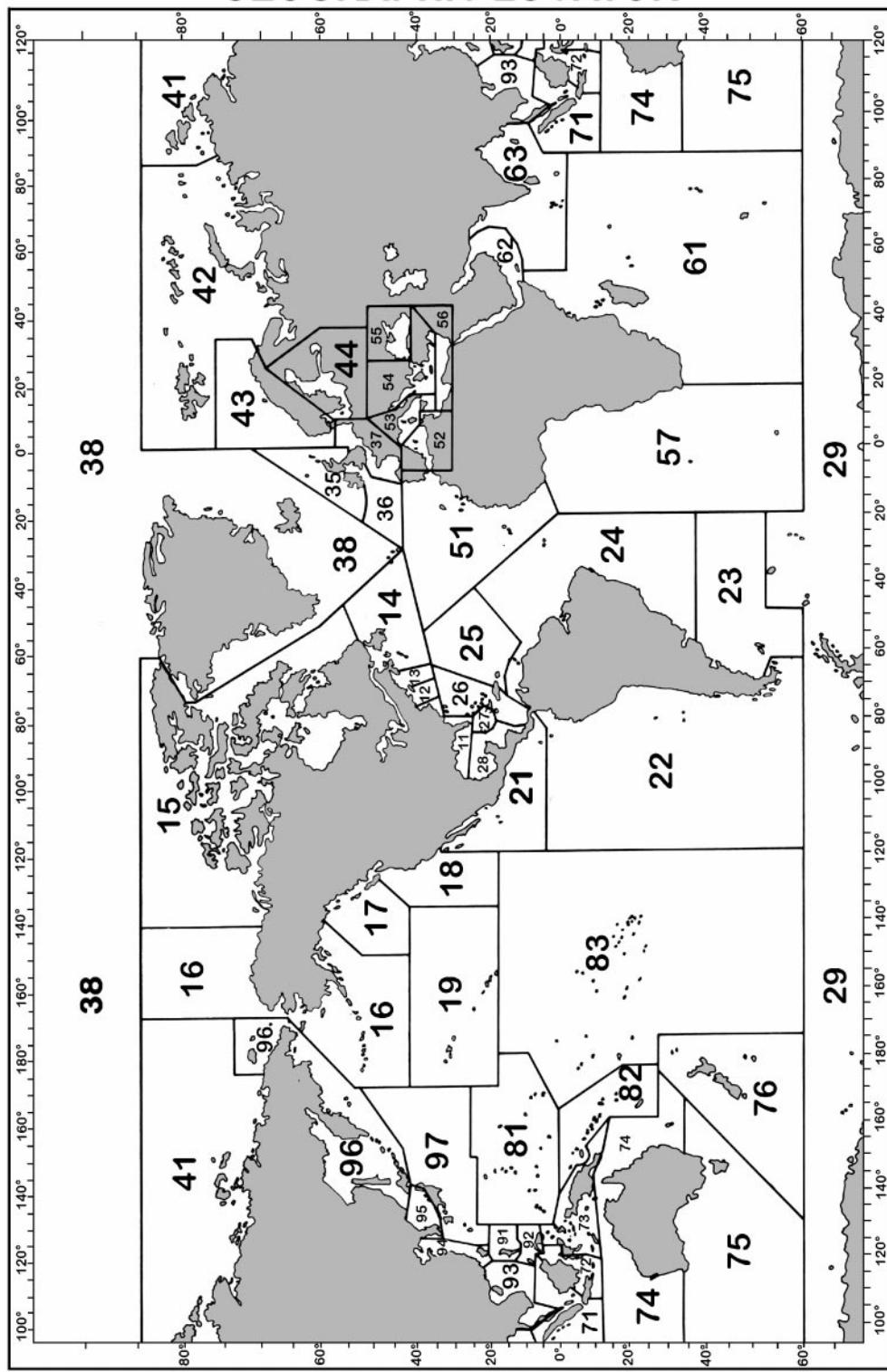
Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_



**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

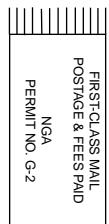
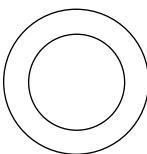
ATTN: JNAH

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